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15-363-71-SCD-1b

27 DEC 1971

PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390

Subj: Library-ESC Site Improvements Design

Ref: (a) Meeting at USNA among representatives of Warnecke/Ewing,  
ChesDiv and USNA of 5 Aug 1971  
(b) Warnecke/Ewing ltr to ChesDiv (Code 04) of 9 Aug 1971

1. It was agreed during reference (a) and recorded by reference (b) that the cinder block wall located within the Norsair fenced area for Phase I would be demolished in Phase II and rebuilt as a concrete wall. The exact size and location of this wall was to be provided by the Naval Academy.

2. In order to effect timely completion and submission of the Phase II design documents it is desired that the replacement concrete wall not be provided for under the subject design. The requirement for said wall still exists, however, and definitive siting and design requirements will be provided as soon as possible so that this requirement can be satisfied either by change order to the Phase II contract or by a separate construction contract.

PAUL D. OLSON

By direction

Copy to:  
Deputy Director of Athletics  
Chmn, MPC  
C-100  
C-101  
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Originated by LTJG S. C. Downs, Assistant Planning Officer, PWD,  
X-2035, 21 December 1971, 1b.

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UNITED STATES NAVAL ACADEMY

Annapolis, Maryland 21402

LIBRARY

IN REPLY REFER TO:

27 Aug 1971

From: Librarian  
To: Public Works Officer

Subj: Electrical outlets for Xerox machines

1. In studying the electrical plans for the terrace level of the new library building, it became obvious that the electrical outlets for Xerox machines were not included in the Technical Processing Division.
2. Therefore, it is requested that two electrical outlets, 220 volt lines be installed in Room T-17 on the terrace level. One outlet should be installed in T-17 on the wall adjacent to T-19; the other outlet should be installed in Room T-17 on the wall adjacent to T-29.

*Richard A. Evans*  
RICHARD A. EVANS

*Someone should check this voltage out.  
Don't believe 220 is proper voltage  
for zero. PPO 9-24*

*checked with Evans. — Install one 110V,  
30 A. outlet in T-13, col line K-6*

UNITED STATES NAVAL ACADEMY

Annapolis, Maryland 21402

LIBRARY

IN REPLY REFER TO:


15 Apr 1971

From: Librarian  
To: Public Works Officer

Subj: Master switches for lights in the library building

1. In Section 3 of the Library Building Program, the library building consultant specified that "master switches for turning out all lights in the building (except emergency lights)" should be installed in the area of the circulation desk. A review of NavFac Drawing No. 1342284 indicates that all control wiring terminates in the ceiling space above the circulation desk.

2. It is recommended that appropriate conduit be installed to permit extension of all control wiring to an appropriate space in the circulation area and that master light switches be installed in the area selected.

  
RICHARD A. EVANS

Copy to:  
AcDean  
ROICC  
LT J.E. Koons

UNITED STATES NAVAL ACADEMY

Annapolis, Maryland—21402

IN REPLY REFER TO:

PAO-436-71

23 February 1971

From: Public Affairs Officer  
To: Public Works Officer

Subj: Statement of Photo Lab requirement

Ref: (a) Your ltr PW-131-71-JEK of 18 Feb 71

1. In response to reference (a), the following information is submitted:

a. Lab Requirement:

The Naval Academy Photo Lab, which is supervised by the Public Affairs Officer, has many other requirements beyond news photography. In addition to supporting every academic department and division at the Naval Academy, the Photo Lab also provides complete photographic support for the Naval Station. This support includes black and white portrait photography, identification cards for all Academy and naval personnel, passport photographs, officer photographs for the Bureau of Naval Personnel, portraits for various officer candidate programs, construction progress reports, legal photography for accident reports, copies of line charts and graphs, negatives and prints for study prints and overhead slide projection, and creative photography for catalogue and various recruiting brochures, etc.

News photography includes black and white and color shots for news releases, feature stories, civilian and military awards, distinguished visitors and speakers, retirement, promotions, coverage of conferences.

The requirement for photographic services, especially in the public affairs area, is expected to increase in 1971 by at least one-third over previous years due to increased public affairs programs and expanded efforts in recruiting.

b. Existing Lab Deficiencies:

The great majority of the photographic workload is centered in the Academy Yard. At the present time, a photographer is forced to lose anywhere between 30 minutes to an hour traveling back and forth between the Academy Yard and Halligan Hall on photographic assignments. The mass photographing of midshipmen (identification cards for plebes, graduation pictures for hometown release, etc.) presently requires the Photo Lab to transport large quantities of heavy photographic equipment to Bancroft Hall.

The central location of Nimitz Library will make the Photo Lab much more accessible to the midshipmen and also to the many faculty and professional staff members with photographic requirements.

The antiquated, deteriorating and sub-standard physical facilities of the present Photo Lab make it extremely difficult for photographers to print the high quality pictures expected of a national institution. For example:

Plumbing: The flow rate of the present water supply (3 gallons per minute) is simply inadequate. The water is extremely dirty and constant changing is necessary. When more than one processing unit is in operation, the flow is considerably reduced and low water pressure causes the water drainage system to back up.

Heating: The working spaces of the Photo Lab, including darkrooms, print rooms and office spaces, cover approximately 3500 square feet. The combined areas are served by only four radiators. Photographic processing requires fairly constant temperatures between 70 and 85 degrees. During the recent cold spell, ice formed on the inside of laboratory windows and remained for three days. Temperatures in the dark rooms and processing rooms averaged 52 degrees.

Dirt and Dust: Although Photo Lab personnel have attempted to clean the photographic spaces themselves (supplementing the present unsatisfactory contract janitorial service), many photographs are pitted with white spaces and ruined due to the heavy concentration of dust and dirt. It is not possible to process color transparency film under these conditions.

Very respectfully,

  
J. B. FINKELSTEIN

MAILED

FEB 10 08 46 '71

PW-131-71-JEK-1b

18 FEB 1971

PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

From: Public Works Officer  
To: Public Affairs Officer

Subj: Statement of Photo Lab Requirement

Ref: (a) Foncon between Mr. Bob Hackley, Project Manager, ChesDiv  
and LT J. E. Koons, PWD on 12 Feb 1971

1. Mr. Hackley indicated in reference (a) that the Naval Photographic Center will provide some of the equipment required to outfit the new photo lab programmed for Nimitz Library. Such equipment allowance would not be charged to Library project funds as collateral equipment. The importance of holding costs chargeable to project funds to a minimum cannot be overemphasized. It is essential, therefore, that we justify our photo lab requirement which will be forwarded by ChesDiv to CNO (OP-03). An equipment list per se is not required.

2. It is requested that your staff provide Public Works with a written statement of the following:

- a. Lab requirement - scope of work to be accomplished, projected workloads, etc.
- b. Existing lab deficiencies in the Annapolis area which make such an installation necessary.

This statement is required by 19 February 1971. Any questions should be directed to Lieutenant J. E. Koons, Public Works, Ext. 2035/2039.

PAUL D. OLSON

Copy to:  
CHESDIV Code 09A13  
Mr. Jack Moore, Photo Lab  
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UNITED STATES NAVAL ACADEMY

Annapolis, Maryland 21402

LIBRARY

IN REPLY REFER TO:

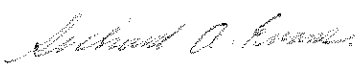
15 July 1970

From: Librarian  
To: Public Works Officer

Subj: Interior design and selection of furnishings for the new library building

Ref: (a) SUPT USNA ltr ser 15-89-69 of 14 Jul 1969  
(b) CO ChesDiv ltr ser 041 69C0972(7) of 22 Aug 1969

1. References (a) and (b) recognize the value of retaining the A & E for the purpose of coordinating the interior design and selection of furnishings for the new library building.
2. If the A & E should be retained to coordinate interior design and furniture selection, I recommend that a library furniture consultant, acceptable to the Naval Academy, be retained by the A & E to provide advice and guidance on such aspects of library furniture as life cycle, attractiveness, construction, fabrics, manufacturers, etc.
3. The library at Pennsylvania State University, University Park, Pennsylvania, has had significant experience in this area as a result of the dynamic expansion of their commonwealth campuses. Mr. William Pierce, Assistant Librarian at Pennsylvania State University, who is responsible for the selection of furniture for the libraries at Penn State, has established a library furniture clinic at Penn State for the purpose of evaluating the furniture of various manufacturers. It would appear that Mr. Pierce could provide valuable assistance to the A & E and I recommend that he be considered as a library furniture consultant who is acceptable to the Naval Academy.

  
RICHARD A. EVANS

Copy to:  
Ac Dean  
Assoc Dean  
Prof J.R. Probert, Dept of History  
Assoc Librarian  
Asst Librarian, Tech Serv Div

UNITED STATES NAVAL ACADEMY

Annapolis, Maryland 21402

LIBRARY

IN REPLY REFER TO:

22 July 1970

From: Librarian  
To: Public Works Officer

Subj: Required Changes in the New Library Building

1. Ground Level

a. Listening Room. Further consideration of the presence of the service desk in the audio listening room (G-28) for the purpose of issuing video tapes, headsets, etc., indicates that the activity would be distracting to those who are using the audio carrels, and, the door entering the corridor (G-23) would greatly increase the security problems in this area of the library building. Therefore, the following changes are recommended.

(1) The service desk area be eliminated thus enlarging both the tape storage area (G-24) and the control room (G-29).

(2) Seven additional audio carrels installed in the space created by eliminating the service desk area. Required power and sound outlets must be included to provide for the additional audio carrels.

(3) The door between G-24 and the service area deleted and a door installed to provide access between G-24 and the corridor G-23. A Dutch door would be preferable.

(4) The door between the control room (G-29) and the service desk area be deleted and a door be installed to provide access between G-29 and the corridor (G-23).

b. Smoking Lounge. The entry to the smoking lounge appears to be hidden from view by the faculty studies. If possible, the entry should be relocated close to the supporting column where it would be easily observed.

2. Terrace Level

a. Processing and Binding. It is appropriate that the personnel who will be assigned to Processing and Binding (T-13) should have direct access to the elevator in passage T-11. Therefore, it is desirable to have a door installed between T-13 and T-11. The door should be 3 feet wide, and should be installed to be opened from T-13 only. It should be located directly opposite the elevator door.

Subj: Required Changes in the New Library Building

b. Reference and Card Catalog. Telephone jacks (2) should be installed on this level in the core containing the elevator. They should be installed in the wall facing the card catalog and reference area.

3. Second Level

a. Administrative Area. The appointment of Professor William Jeffries as U. S. Naval Academy Archivist has altered the space requirement in the administrative area of the library. The Archivist and his secretary will be located within the administrative offices of the library and will share the secretarial and reception area, files room, conference room, etc., with the Librarian and Associate Librarian. It will be necessary, therefore, to design an additional office as part of the administrative area. The following suggestions may be worthy of consideration:

(1) Design an office adjacent to the secretarial area extending into the Special Collections reading room (224).

(2) Extend the conference room (213) wall to the entry of the seminar room (211) and place the office adjacent to office number 214. The corridor, adjacent to the conference room, must be maintained.

b. Conference Room. The conference room (213) should contain a chalkboard and motorized viewing screen.

c. Special Collections Reading Room.

(1) The door between Room 224 and the corridor (221) should be 3 feet wide.

(2) What type of wall exists between the reading room (224) and the adjacent smoking lounge (226)? I hope it is identical with the other wall in the reading room.

4. All Levels

It was recommended the convenience outlets be located on all supporting columns throughout the interior of the building as well as on the columns located at the perimeter. This would provide further flexibility in the building and would greatly facilitate cleaning. Convenience outlets do not appear on the plans and should be included.

  
RICHARD A. EVANS

Copy to:  
Academic Dean  
Associate Dean  
Associate Librarian

UNITED STATES NAVAL ACADEMY

Annapolis, Maryland 21402

LIBRARY

IN REPLY REFER TO:

19 Mar 1970

From: Librarian  
To: Public Works Officer

Subj: Lighting in the new Library building

1. Mr. F. N. Corey, Public Works Department, and I attended a conference on 17 March 1970, at ChesDivNavFac, Washington, D.C., to discuss the recommended changes in the lighting for the new library building. Mr. Paul Brott, A&E, presented a new lighting arrangement for the building. I am satisfied with the new plan submitted by Mr. Brott and recommend that it be adopted.

2. The problem of lighting intensity was discussed, and I was requested to notify Mr. J. L. White by Thursday, 19 March, of our requirements. I have investigated candlepower recommendations for libraries in Dr. Metcalf's work entitled, "Planning Academic and Research Library Buildings" and in the Illumination Engineering Society Handbook. I have also discussed the problem with Mr. E. Weiss, Librarian, U. S. Military Academy Library. I have concluded that lighting intensity in libraries is a problem which has been debated for many years with no positive solution forthcoming. From the information I have obtained, I recommend that we aim for a lighting intensity of 80 candles for all areas of the library building. I believe the objective of 80 candles will provide us with adequate lighting intensity and flexibility.

3. I have also recommended that filters be provided for the fluorescent lighting fixtures in the special collections and archives stack areas as well as in the Annapolis Room. These filters will eliminate rays that contribute to the deterioration of rare books, manuscripts, and archival materials.

  
RICHARD A. EVANS

Copy to:  
LT J. E. Koons

1 2 JAN 1972

MEMORANDUM TO FILE

Subj: Library collateral equipment

1. A meeting was held on 7 January 1972 in the Public Works Conference Room with the following individuals in attendance.

Professor W. Darden - English & History Department  
 Professor R. A. Evans - Librarian  
 Professor J. C. Thompson - Educational Resources Center  
 Mr. Bob Geller - Educational Television  
 Mr. Jack Moore - Photographic Laboratory  
 LCDR C. E. Hipps - Division of English & History  
 LCDR T. Ryan, III - Division of English & History  
 LT J. P. Franz - Planning Officer, PWD  
 Mr. F. Feldmeyer - Planning Division, PWD

2. The main purpose of the meeting was to determine activities' scheduling problems with respect to academic requirements and also to discuss space utilization of existing equipment. As a result of the meeting the following conclusions resulted.

a. English and History

Transfer of Department's personnel is not critical. Total of 67 personnel ~~that~~ would be moved. Only items to be moved would be personal effects. English and History people indicated that they would rather move before return from the Christmas holidays because of the normally heavy grading loads after return of the Midshipmen <sup>and before</sup> exams. The move could be phased with a total time anticipated to be from 2-3 days with possibility of being completed during one weekend. English and History people had no plans for using any of their existing office equipment and were planning on utilization of all new furniture. Apparently no plans existed as to utilization of the spaces to be vacated.

b. Educational Resources Center

Items of discussion included timing for contractors to install production and distribution equipment, scheduling of moving of other equipment, installation of the distribution cable to Michelson Hall and audio and video installation for the carrels. Most critical timing item was transfer of the distribution system. Transfer would have to be accomplished during holidays because of daily programming requirements.

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It was anticipated that the work required for installation of the distribution system would take approximately four weeks. Before work on the distribution system could start the distribution cables would have to be in place. With indications that the building would be complete between 1 October-1 November, it was recommended that the distribution system installation be started by 1 November which would allow for completion before the Christmas holidays commenced. This would necessitate that the distribution cables be in place by 1 November.

Installation of the production equipment could be accomplished at almost any time after completion of the building. It was anticipated that the production function could be interrupted from 2-4 weeks without affecting the operation of the ETV program. In conjunction with installation of the production system, the lighting for the ETV studio would first have to be in place. It was suggested that the lighting installation be made part of the prime contractor's responsibility. It was also suggested that the movement of production equipment from the existing studios be accomplished by the contractor who had responsibility of the installation of the production system. In connection with the audio and video system the merits of having either the prime contractor or having an outside contractor install the system was discussed. It was considered extremely important that the contractor who had responsibility for running the wiring would also have responsibility for total system operation. Before the audio system could be installed it would be necessary for the carrels to be in place. Using a one month time frame for installation, there was a possibility of having workmen install the system while the library was in operation. No decision was reached on how contracting should be accomplished. The matter would be decided on the basis of the most practical means to insure operation of the system.

The other furniture movements were discussed concerning primarily graphic arts, film library, training aids equipment, film shelving and repair shop equipment. None of the mentioned items considered critical with respect to timing except for the repair shop equipment which had to be tied in with the transfer of the distribution system. Professor Thompson stated that he would provide the Planning Officer a memorandum outlining the contracting requirements, equipment that would require movement to the library and any excess material resulting from the transfer. Educational Resources personnel were not aware of any plans for the utilization of the spaces to be vacated.

#### c. Photographic Laboratory

Installation of the photographic laboratory equipment was not considered critical with respect to timing. Contracting procedures remain to be determined on how the equipment would be

disconnected and subsequently installed. It was stated during the installation period that Navy Publications Center would provide any photographic services necessary for the Academy.

d. Library

It was stated by Professor Evans that the general collections could only be moved during the Christmas holiday period. This would require that all carpet and book shelving and card catalogs be in place by 14 December 1972. The special collections division, archives, technical services and administrative areas could be moved while school was in session with the only requirements being that the required necessary book shelving and office furniture be in place. The movement of the technical services, however, was tied to the Brigade Library because of the planned use for the Brigade Library book shelving in the technical services area. Transfer of the general collections would have to be completed by the 4 January 1972 return of the Midshipmen. Professor Evans stated that he would provide a memo describing details on the timing and quantities involved in moving the various collections. He also was to provide the Planning Officer with a list of furniture items that would be excess as a result of the move and that could possibly be utilized in the library.

J. P. FRANZ

12 JAN 1972

MEMORANDUM TO FILE

Subj: Library collateral equipment

1. Items to be decided and investigated as a result of library equipment meeting of 7 January 1972:

a. English and History

- (1) Determine equipment that will remain excess after move and investigate whether it can be utilized in the new library.
- (2) Investigate how spaces are to be utilized after English and History moves from Sampson Hall.

b. Educational Resources Center

- (1) Determine probable start dates for production and distribution systems.
- (2) Determine manner of contracting for lighting system.
- (3) Determine scheduling for installation of distribution cable.
- (4) Determine manner of contracting for audio and video installation.
- (5) Determine excess equipment and equipment to be moved.
- (6) Determine utilization of spaces vacated.

c. Photographic Laboratory

- (1) Method to be used for disconnection of Photographic equipment and installation into library.

d. Library

- (1) Possible use of excess equipment.
- (2) Space utilization of vacated areas.
- (3) Timing of moves for special collections, archives, technical and administrative areas.
- (4) Specifications required for wet carrel systems.

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J. P. FRANZ

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UNITED STATES NAVAL ACADEMY

Annapolis, Maryland—21402

IN REPLY REFER TO:  
PW-152-72-JPF-ib

1 MAR 1972

MEMORANDUM TO FILE

Subj: Approval of Nimitz Library interior wall coverings and colors

1. A meeting was held at 1100, 29 February 1972 between Mr. Ken Murray, ChesDiv, and Mrs. Elizabeth Saunders, Elizabeth Interiors, for the purpose of reviewing the interior selection proposed by Eleanor Le Maire Associates, the Interior Designers for the Library. At this meeting it was determined that the selections were in accordance with the approved concept and that they should be incorporated into the building as recommended by the Interior Designer with the exception of covering WC-GR-102 which remained to be confirmed.

*J. P. Franz*  
J. P. FRANZ

→ Copy to:

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UNITED STATES NAVAL ACADEMY

Annapolis, Maryland—21402

IN REPLY REFER TO:

8 May 1972

From: Director, Educational Resources Center  
To: Public Works Officer (Attn: Mr. Feldmeyer)

Subj: Collateral Equipment, Nimitz Library

Encl: (1) Equipment List

1. The collateral equipment requirements of the Educational Resources Center for the Nimitz Library were reviewed on 1 May 1972 at a meeting of Mr. Feldmeyer and Educational Resources Center personnel. Enclosure (1) lists the remaining items for which the Educational Resources Center will provide a GSA number, Federal Stock number, or specification. This list excludes all items to be procured through the TAMARS funding program. All other items not on this list will be procured by the Public Works Department.
2. The following non-TAMARS type items which are presently in use at the Naval Academy will be moved to and used in Nimitz Library:

Metal Shelving	G-7, 9, 18
Ammonia Tank	G-21
Ozalid Machine	G-21
Drafting Tables (4)	G-21
Metal Bookcases	G-23
Work Benches (4)	G-24

3. The following items were deleted from the collateral equipment list of 19 January 1972:

G-7	Metal Shelving -- To be supplied by Maury Hall Archives
G-9	Metal Shelving -- To be supplied by Maury Hall Archives
G-18	Metal Shelving -- To be supplied by Maury Hall Archives
G-21	Lamp Table
	Ammonia Tank
	Ozalid Machine
	Drafting Tables (4)
G-23	Metal Bookcase
G-24	Work Benches (2)

8 May 1972

Subj: Collateral Equipment, Nimitz Library

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4. Educational Resources Center is responsible for providing the specifications detailing the moving of the ETV system from Michelson-Chauvenet Halls to Nimitz Library.

*J. C. Thompson*  
J. C. THOMPSON

Copy to:  
ADER  
Mr. Feldmeyer

EQUIPMENT LIST

G-5	Slide File Record Storage	Luxor Luxor
G-14	Cardex File (6)	
G-15	Remote Control Panel	
G-16	Film Cleaner	
G-17	Film Rack VTR Racks Wardrobe (5) Partitions Cabinet Storage (8) Bench Vise (1) AV Mobile Base (6) Hand Truck (1) Holder Cutter (1) Ladder (3) Band Saw Stand, Saw Belt Guard Drill Press Drill Vise Drill Vise Grinder Sheet Metal Bench Filing Table	Luxor  GSA Stock GSA Stock GSA Stock GSA Stock Wilson Young GSA Stock GSA Stock Sears Craftsman Sears Craftsman Sears Craftsman Sears Craftsman Sears Craftsman Sears Craftsman Sears Craftsman
G-18	Safe (1)	GSA
G-21	Taboret (4) Photo Modifier (1) Drymount Press (1) Headliner (1) Transparency Maker (1) Tape, Sign (1) Compressor (1) Ampto Copier	Saxow Technifax Dick Blick Varityper 3M Company Reynolds Dick Blick

Equipment List (continued)

G-23	"O" Scope (3) Audio OCS Power Supply Lo Power Supply High	Tecktronics Hewlett Packard Hewlett Packard Hewlett Packard
G-25	Lighting Platform	
G-26	Cabinet, Steel Cabinet Top	GSA Stock GSA Stock
G-27	Stool with Casters (4) Camera Cable	GSA Stock
G-28	Tape Duplicating System	
G-29	Film Storage Cabinet Film Editing Bin	Photo Cine Optics Photo Cine Optics

UNITED STATES NAVAL ACADEMY

Annapolis, Maryland—21402

SUPPLY AND FISCAL DEPARTMENT

4205  
SF-852-72

31 AUG 1972

From: Supply and Fiscal Officer  
To: Public Works Officer

Subj: Furnishings and Supplies for Admiral Nimitz Library;  
updated status on

1. As of 30 August 1972 the status of General Services Administration procurements for the new Admiral Nimitz Library is:

- a. Study Carrals. Solicitation opened during the week of 21-25 August. Award awaiting Plant Facility Reports. Expected to be made by 15 September with delivery during the first week of December.
- b. Card Catalogs and Index Tables. Same as item a. above.
- c. Library Study Tables. Same as item a. above.
- d. Library Wood Shelving. Same as item a. above.
- e. Library Study Chairs. Awarded to W. D. Campbell and to be made by Gunlocke Furniture Company. To be in place by 1 December 1972.
- f. Library Lounge Furniture. To be awarded on 29 August. To be in place by 11 December 1972.
- g. Library Carpet. Awarded to Shield's Association of Beltsville, Maryland. Installation to be completed no later than 15 November 1972.
- h. Metal Shelving. Awarded to Estey Corporation. To be in place by 1 December 1972.

2. Although the above information is open to some readjustments based on the supplier's ability to provide, Mr. Morton of the General Services Administration (Purchase Branch) has reaffirmed his pledge to have all items delivered and placed prior to January 1973. Any further information concerning the above scheduling received by the Supply and Fiscal Department, will be forwarded to the Public Works Officer as soon as received.

W. F. MITCHELL

MAILED

Dec 4 16 03 '70  
 PUBLIC RELATIONS OFFICE  
 U.S. NAVAL ACADEMY  
 ANNAPOLIS, MARYLAND

15-251-70

4 DEC 1970

11/01/9

From: Superintendent, U. S. Naval Academy  
 To: Commanding Officer, Chesapeake Division, Naval Facilities  
 Engineering Command, Washington Navy Yard,  
 Washington, D. C. 20390

Subj: Library and Educational Center; ground floor requirements

Ref: (a) Meeting between A&E, ChesDiv and USNA personnel  
 on 24 Nov 1970

1. Reference (a) was held to discuss and review the services and requirements for changes in the ground floor plans of the new Library.

2. The following items were discussed:

a. Bookstore - Modifications desired include provision of an office, women's toilet and storeroom. A sketch was presented to the A&E showing the general arrangement of store fixtures and services and included the aforementioned functional modifications. The Officer in Charge of the Midshipmen's Store discussed the proposed store operation.

b. English and History Areas - Sketches showing the areas and desired services were presented to the architect. The English and History representative discussed aspects of the department's requirements. Final arrangements of the furniture and fixtures, especially in large classrooms and lecture rooms will be reviewed by the architect with respect to tiered areas to obtain the maximum seating capacities. TV requirements were presented by the Director, ETV Center, for specific areas.

c. Photo Lab - An additional sketch was presented to the architect which amplified the information previously furnished the architect. The Photo Lab supervisor directed special attention to requirements for acid resistant piping, tile floor and wall areas, floor drains and ventilation of areas containing toxic fumes. It was further pointed out that developing rooms should be slightly larger to accommodate equipment requirements. Detail of pass thru windows for these rooms is to be furnished the architect.

d. ETV - Director, ETV and his personnel presented individual sketches of areas to be occupied by ETV. Each area was reviewed with the architect and special requirements and services required to

Exec. Asst. To Supt.	
Spec. Asst. for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec. Asst. to Dean	
Asst. to Dean for Faculty	
Exec. Asst. Faculty	
Dir. Computer Serv.	
Asst. Dean Edu'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Dir. Recruit & Candidate Guidance	
Deputy for Operations	
P&A Off.	
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PAO/VSO	
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Deputy Mgmt.	
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Deputy Comdt.	
Div. Nav. Com. & Mgmt.	
Div. Engr. & Weap.	
Div. Math & Science	
Div. of U. S. & Int'l Studies	
Div. of Eng. & History	
Phys. Ed.	
Chaplain	
Dir. Museum	
P. W. O.	
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Nav. Sta.	
Librarian	

accommodate existing and new equipment were explained in detail. Certain questions were raised with regards to under floor duct systems versus raised floor systems. The architect favored raised floor systems in specific areas since it would not involve changes in present structural conditions. Other questions to be resolved included conduit runs for TV services to specific areas and placement of wiring and circuitry not presently provided for under the basic contract specifications. Mr. Putnam, ChesDiv, will review and advise the architect accordingly.

e. Collateral equipment - will be subject of subsequent meetings after completion of modifications now in progress. Collateral equipment was introduced at the meeting in certain areas to ascertain space requirements only.

4. The meeting adjourned at 1745.

PAUL D. OLSON  
By direction

Originated by Mr. F. Feldmeyer, Planning Division, PWD, X-2035,  
30 November 1970, ib.

MAILED

OCT 16 13 46 '70

PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15-224-70

16 OCT 1970

111019

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390

Subj: Library ground floor

Ref: (a) Meeting between ChesDiv, A&E and USNA personnel at  
USNA on 12 Oct 1970

1. The A&E presented a Revision Study "E" for the Library ground floor at reference (a). A few minor modifications were discussed and agreed upon at the meeting. The Naval Academy gave ChesDiv a verbal acceptance of the modified study and requested that ChesDiv authorize the A&E to proceed with preparation of final plans and specifications.
2. This correspondence will record the Naval Academy's concurrence with the revised study "E" and confirm its request that the A&E proceed with preparation of final plans and specifications.

PAUL D. OLSON  
By direction

Copy to:  
Dean Cook  
Librarian  
Director, ETV (Prof Thompson)  
NA Photo Lab  
Head, Division of English & History  
Prof Darden

Originated by LT J. E. Koons, Planning Officer, PWD, X-2035,  
15 October 1970, ib.

Exec. Asst. To Supt.	
Spec. Asst. for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec. Asst. to Dean	
Asst. to Dean for Faculty	
Exec. Asst. Faculty	
Dir. Computer Serv.	
Asst. Dean Edu'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Dir. Recruit & Candidate Guidance	
Deputy for Operations	
P&A Off.	
Admin. Off.	
Sec. Officer	
Off. Pers.	
Judge Advocate	
PAO/VSO	
Comm. Off.	
Deputy Mgmt.	
Resources for Mgmt. (Comptr)	
Comdt. Midn.	
Deputy Comdt.	
Div. Nav. Com. & Mgmt.	
Div. Engr. & Weap.	
Div. Math & Science	
Div. of U. S. & Int'l Studies	
Div. of Eng. & History	
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OCT 6 11 25 '70

PUBLIC AFFAIRS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15-210-70

6 OCT 1970

11101/9

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390

Subj: Library and Educational Center; ground floor revision  
studies for

Ref: (a) Meeting with ChesDiv, A&E and USNA on 7 Aug 1970  
(b) Foncon between Mr. Frank Caldwell, ChesDiv and  
LT J. E. Koons, USNA on 10 Aug 1970  
(c) Supt, USNA ltr 15-183-70 to CO, ChesDiv of 17 Aug 1970  
(d) Meeting with ChesDiv, A&E and USNA on 4 Sep 1970  
(e) Warnecke-Ewing ltr to ChesDiv of 27 Aug 1970  
(f) Supt, USNA ltr 15-203-70 to CO, ChesDiv of 15 Sep 1970  
(g) Warnecke-Ewing ltr to ChesDiv of 17 Sep 1970  
(h) Meeting with ChesDiv, A&E and USNA on 21 Sep 1970  
(i) Warnecke-Ewing ltr to ChesDiv of 24 Sep 1970

Encl: (1) USNA changes to study "D", Revision 1 Oct 1970  
(2) Comments with respect to revisions in the English and  
History Division area  
(3) Comments with respect to revisions in the Educational  
Television (ETV) and Media areas  
(4) Package of information on Wascon Package Systems

1. The Naval Academy, as a result of reference (a), requested that ChesDiv instruct the A&E to study possible revisions for the ground floor of the Library. This study was to make provisions for housing the Educational TV program and a Naval Academy photographic laboratory. The Naval Academy, in references (b) and (c), requested that ChesDiv have the A&E make the revision studies on the basis of (a) excluding the bookstore and (b) including the bookstore.

2. The A&E presented two different schemes to the Academy at reference (d). Study "A" included a bookstore and study "B" deleted the bookstore. The costs cited for these two studies in reference (e) were identified as \$94,000 and \$71,000 respectively. It was the Academy's decision that basically a compromise of studies "A" and "B" which would include both photographic facilities and a bookstore, would be most desirable. The A&E was directed by ChesDiv to proceed to develop a study "C" incorporating these changes.

Originated by LT J. E. Koons, Planning Officer, X-2035,  
2 October 1970, ib.

Exec Asst To Supt.	
Spec Asst for Plans & Policy	
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Acad. Dean	
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Asst Dean for Faculty	
Exec Asst Faculty	
Dir. Computer Serv.	
Asst Dean Edu'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Dir. Recruit & Candidate Guidance	
Chief of Staff	
P&A Off.	
Admin. Off.	
Sec. Officer	
Off. Pers.	
Judge Advocate	
PAO/VSO	
Comm. Off.	
Deputy Mgmt.	
Comptroller	
Comdt. Midn.	
Deputy Comdt.	
Nav. Sci. Dept.	
Weap. Dept.	
Math. Dept.	
Sci. Dept.	
Engr. Dept.	
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Phys. Ed.	

3. The Naval Academy in reference (f) provided information to ChesDiv for forwarding to the A&E with respect to requirements for ETV and the photographic laboratory. Warnecke-Ewing noted in reference (g) that information with respect to the academic division area was lacking in reference (f). The Naval Academy, at reference (h), provided information necessary to modify the academic division area to house the Division of English and History (E&H).

4. Reference (i) forwarded a study "D" incorporating the basic changes in the E&H area as requested at reference (h). It is the purpose of this correspondence to confirm the Naval Academy's request to the Chesapeake Division to have the A&E undertake the revision studies as outlined above and further, to return study "D" as modified by the Academy. Most of the revisions to study "D" are in the E&H area with minor modifications also appearing in the ETV and media areas.

5. Study "D", as revised by the Academy, is forwarded as enclosure (1). Enclosures (2) through (4) provide written comments on the changes noted on enclosure (1). It is requested that the Chesapeake Division forward the enclosures, as appropriate, instructing the A&E to proceed with final plans and specifications for the revision of the ground floor of the Library in accordance with enclosure (1).

PAUL D. OLSON

By direction

Copy to:  
 Librarian  
 Director, ETV  
 NA Photo Lab  
 Director, E&H (Prof Darden)

COMMENTS WITH RESPECT TO REVISIONS IN THE  
ENGLISH AND HISTORY DIVISION AREA

1. The following changes have been noted on enclosure (1). Discussion of these requested changes follows:

a. Provide seminar rooms as noted by (1) and (5) on the reference west side.

b. Relocate and reconfigure the faculty studies and micro-reading booths as noted by (3).

c. Reconfigure the map room as noted by (4).

d. Provide department chairmen offices and secretary spaces as noted by (2) and (14). The vacated spaces should be configured for the staff lounge as noted by (8).

e. Enlarge the Head of Division office as noted by (7) and provide a men's toilet as noted by (6). Provide two seminar rooms by deleting walls between offices as noted by (9) and (10).

f. Provide two storage areas in the former staff lounge as noted by notes (11) and (12).

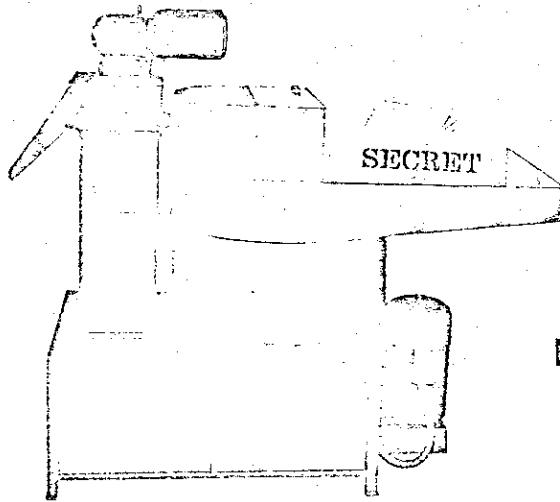
g. Provide expanded head facilities if required to meet criteria as noted in space (13). If the configuration shown on revision study "D" was adequate, then storage spaces as denoted by note (12) should be enlarged accordingly.

COMMENTS WITH RESPECT TO REVISIONS IN THE  
EDUCATIONAL TELEVISION (ETV) AND MEDIA AREAS

1. Changes to revision study "D", as submitted by the A&E, are requested as follows: (Encircled numbers refer to numbers on enclosure (1))

- a. Provide 3' x 8' glass viewing window as noted by (15).
- b. Eliminate jog in double slanted window as noted by (16).
- c. Doors into TV studio appeared in revision study "D" to be too wide. The width need not be any greater than the corridor doors adjacent to the studio. The doors as noted by (17) must be acoustically treated and therefore, the concern for their size.
- d. Eliminate storage and janitor's closet as noted by (18) to provide space for a "Wascon" disposal unit. Specifications with respect to this equipment are provided in enclosure (1). The utilities required include fresh water and electricity. It is possible that the janitor closet function could still be housed in this area. The entrance to the space has been changed as shown on enclosure (1) in an attempt to cut down as much as possible the noise generated by this disposal unit. The manufacturer indicated that the noise level to be expected by the model selected would be approximately 75 decibels. The A&E should ascertain whether or not this equipment would interfere with ETV operations based on the allowable 20 db level for the studio previously submitted.
- e. The entrance from the ETV studio into the studio storage area as noted by (19) should not have doors. This opening should be eight feet wide.
- f. The glass adjacent to the doors in the AV and TV maintenance areas should be increased from 2' to 4' as noted by (20) and (21).
- g. A 3' x 8' window in the corridor wall of the distribution area should be provided as noted by (22).
- h. One of the sinks in the graphic production room as noted by (23) should be deleted. The cabinets, however, are to remain.
- i. The women's toilet and kitchen functions are to be interchanged as noted by (24) and (25).
- j. The exterior wall in the reception and browsing area should be flush as noted by (26). Shelving would then be provided on the reference west side of the column, as shown.
- k. The doors denoted by (27), (28), (29), (30) and (31), on enclosure (1), should be double doors.

## WASCON PACKAGE SYSTEMS



Freestanding Package System

- Economical and Flexible ..... A2-23
- Capacities ..... A2-23
- Compact Systems ..... A2-23
- Pulper ..... A2-24
- Water Press ..... A2-24
- Motors ..... A2-24

### ECONOMICAL AND FLEXIBLE

These compact, simplified Systems will efficiently and economically handle waste-management problems involving *low volumes* of food service waste and other waste such as classified documents, clinical records and research wastes.

These Systems, requiring no slurry or return water pumps, motors or lines, are highly economical yet entirely suitable for the aforementioned applications.

Integrally mounted on single stands, WASCON Package Systems require minimum floor space . . . they can be easily relocated from one department to another with minimum disconnect and hook-up work. Manual START-STOP or MANUAL START-AUTOMATIC STOP operating controls may be specified.

### CAPACITIES

The Systems are available in the following rated capacities: 100, 200, 300, 400 and 600 pounds per hour.

Considering the applications suggested above and the information on page A2-7, in most every case the actual waste-handling capabilities of these Systems would approximate their industry-rated capacities.

### COMPACT SYSTEMS

Each Package System consists essentially of a Pulper and Water Press mounted on a single, corrosion-inhibiting metal floor stand. The stand has height-adjustable floor flanges.

A Package System may be free standing or so arranged that the Pulper of a 100, 200 or 300 lb/hr System is under the end of a "dish-scrapping" counter.

The Pulper on a freestanding model features a stainless steel charging tray assembly for convenience in feeding waste to the System.

The Pulper on a model for under-counter mounting may be specified with one of the following arrangements:

- one or two stainless steel trough connections and Pulper access cover;
- stainless steel "silverware saver" with rubber scrapping block.

See Illustrations on Next Page.

CONTINUED

A2-23

ENCL (4)



# WASCON

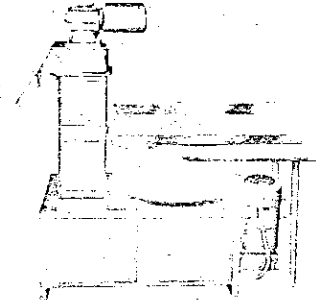
## PULPER

The stainless steel Pulper tank contains water (automatically maintained at the correct level) and a stainless steel, motor-driven impeller plate, randomly studded with tungsten carbide teeth. The impeller, rotating 3000 peripheral feet per minute, creates a powerful vortex.

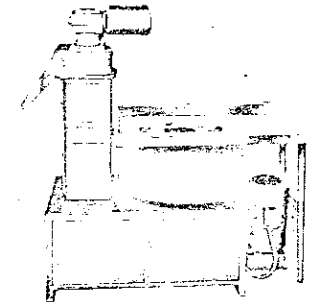
Waste fed to the Pulper is drawn into the vortex and down onto the impeller plate where pulpable waste is abraded and mixed with water to form a slurry. The impeller action forces the slurry into the Water Press described subsequently.

A sizing ring keeps oversize waste particles from entering the Water Press.

The fast-moving impeller plate tears, abrades and distorts nonpulpable articles in the waste (such as pieces of metal), reduces their volume and deposits them automatically into an easy-to-remove basket contained in a collection chamber at the bottom of the Pulper.



System Mounted Under  
End of Counter  
Features Trough  
Connection



System Mounted Under  
End of Counter  
Features "Silverware  
Saver" With Rubber  
Scrapping Block



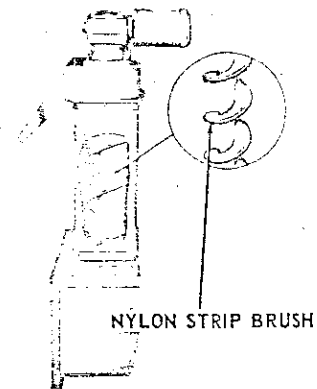
## WATER PRESS

Slurry forced into the Water Press is picked up by a motor-driven helical screw contained in a perforated metal enclosure within the Press housing. The "squeezing" action of the screw removes water from the slurry and conducts the remaining semi-dry pulp upward and into the Press discharge chute. Water extracted from the slurry is returned to the Pulper (for reuse) by gravity flow.

The Water Press jacket, helical screw and perforated metal closure are stainless steel. A nylon strip brush on the helical screw keeps the closure perforations free of waste particles. The strip brush is easily replaceable on site.

## MOTORS

Horsepower ratings and other characteristics of the Pulper impeller and Water Press screw drive motors will be found on pages A2-28 and A2-29.



NYLON STRIP BRUSH

Package System  
Water Press

## INSTALLATION DATA

### GENERAL INSTALLATION DATA

The following pages contain generalized information concerning installation, service and room clearance requirements for WASCON Systems. The information is intended to give the Architect or Mechanical Engineer only a broad view of certain contingencies which must be considered in early stages of construction planning.

More detailed information concerning specific WASCON applications and installations will be made available upon application to any AMSCO Branch Office listed on the reverse side of the FOREWORD to this publication.

- General Data ..... A2-25
- Cost-free Planning Service ..... A2-25
- Interconnecting Piping ..... A2-25
- Water Requirements and Pipe Size ... A2-26
- Floor Drains ..... A2-26
- Electrical Requirements ..... A2-28
- Motor Characteristics ..... A2-28
- Clearance Requirements ..... A2-29

### COST-FREE PLANNING SERVICE

A specially trained AMSCO Application Engineer can be made available to analyze your specific waste-management requirements. Following this, he will plan a suitable system for you and include in his finished proposal the recommended equipment along with the pertinent definitive architectural/engineering data. The knowledge gained by these Engineers from their wide, job-proved experience with WASCON Systems (for both small and large waste-management projects involving many different kinds of waste) can simplify your task of specifying an efficient, economical System tailored to your particular needs.



### INTERCONNECTING PIPING

An air gap fitting for each Pulper, and slurry and return water pumping equipment as well, are furnished by AMSCO with each WASCON System.

AMSCO does not furnish pipes and fittings or the associated items listed below which are required to interconnect the various System components; therefore, these should be included in the Mechanical Specifications appropriate to the trades involved.

- Check valves in return water and slurry lines
- Handvalve shutoff in water supply line
- Other sanitary devices and arrangements required by local building codes, ordinances and regulations

The interconnecting piping system should have drainage-type fittings and long-radius elbows. Cleanouts should be installed at each pipe turn and at 50-foot intervals in straight pipe runs.

CONTINUED

**WASCON****WATER REQUIREMENTS AND PIPE SIZES**

SYSTEM CAPACITY (lb/hr)	APPROXIMATE MAKE-UP WATER CONSUMPTION (gallons per hour)	INTERCONNECTING WATER AND SLURRY PIPE SIZES (inches-NPT)*	TERMINAL FITTING MAKE-UP WATER LINE  (inches-NPT)
General Waste Systems			
400	100	2-1/2	3/4
600	150	3	
900	225	4	
1200	300	4	1
1500	375	4	
2100	525	6	
2700	675	6	1-1/4
3600	900	6	
Food Service Waste Systems			
100	25	2	1/2
200	50	2	
300	75	2-1/2	
Package Systems			
100	25		1/2
200	50		
300	75		
400	100		3/4
600	150		

*USNA* →

*\*The interior of the pipes and fittings must be flush so as not to collect waste particles or impede the flow of the slurry and return water.*

**DRAINS**

Each floor-level mounted Pulper (if not planned for installation on a ceramic tile or similar floor sloped toward an open drain), Water Press and Package System should be surrounded by an approximately 4" high curb. The enclosed area should be pitched toward an open drain. This would facilitate cleaning around the Pulper and Water Press. The drain in the curbed area around the Water Press would also receive overflow water from the Press; the overflow piping is not supplied with the Press. No curb would be required for a pit-mounted Pulper. However, the pit floor should be pitched toward an open drain.

## INSTALLATION DATA

Floor drain and Water Press overflow terminal fitting sizes would be as shown below.

SYSTEM RATED CAPACITY (lb/hr)	FLOOR DRAIN SIZE (INCHES)		SIZE (INCHES-NPT) OF WATER PRESS OVERFLOW FITTING
	Pulper	Water Press	
General Waste Systems			
400, 600	4	4	3
900	4	6	3
1200, 1500	4	6	4
2100	4	6	6
2700, 3600	4	8	6
Food Service Waste Systems			
100, 200	4		
300	4		
400, 600	4	4	3
900	4	6	3
Package Systems (Only One Drain Required)			
100	4		2
200	4		2
300	4		2
400	4		3
600	4		3

### Transport Screw Drains

An open floor or similar drain (approximately 4") should also be provided in pulp-discharging and -handling areas to facilitate cleaning.

### Hose Bibs

Hot and cold water lines with threaded bibcocks (3/4" minimum) should be located in the general vicinity of each Pulper, Water Press and pulp discharge area to facilitate general cleaning.



# WASCON

## ELECTRICAL REQUIREMENTS

Wiring from the components of WASCON Systems terminates in control panels or junction boxes. Wiring and other appurtenances between these components and building service lines are not furnished by AMSCO. These requirements, plus disconnect switches (if required) in lines near each component, should be provided for in the Electrical Section of the contract specifications.

The tables on this and the next page detail electrical requirements for the various motors provided with the Systems.

In providing electric service for motors, conductors should be sized to conform to the National Electrical Code specifications as to the rated motor current and motor branch circuit capacity, adjusted for ambient temperature conditions and voltage drop.

### PULPER MOTORS

PULPER RATED CAPACITY (lb/hr)	IMPELLER DRIVE MOTOR				SLURRY PUMP MOTOR				MOTOR FOR OPTIONAL TRASH EJECTOR			
	Horsepower	Amperage (3 Phase)			Horsepower*	Amperage (3 Phase)			Horsepower**	Amperage (3 Phase)		
		208 volts	220 volts	440 volts		208 volts	220 volts	440 volts		208 volts	220 volts	440 volts
General Waste and Food Service Waste Systems												
100	2	6.2	5.9	3.0	2.0	6.2	5.9	3.0				
200	3	9.1	8.6	4.3	2.0	6.2	5.9	3.0				
300	5	14.1	13.4	6.7	2.0	6.2	5.9	3.0				
400	10	29.6	28.0	14.0	3.0	9.1	8.6	4.3				
600	15	41.2	39.0	19.5	3.0	9.1	8.6	4.3	1.5	2.6	2.6	1.3
900	25	79.2	75.0	37.5	5.0	14.1	13.4	6.7	1.5	2.3	2.5	1.3
1200	30	93.0	88.0	44.0	5.0	14.1	13.4	6.7	1.5	2.0	2.6	1.3
1500	40	118.3	112.0	56.0	7.5	22.2	21.0	10.5	1.0	4.2	3.9	2.0
2100	60	169.8	152.0	76.0	7.5	22.2	21.0	10.5	1.0	4.2	3.9	2.0
2700	75	203.0	192.0	96.0	10.0	28.5	27.0	13.5	1.0	4.2	3.9	2.0
3600	100	247.5	234.0	117.0	10.0	28.5	27.0	13.5	1.0	4.2	3.9	2.0
Package Systems												
100	2	6.2	5.9	3.0								
200	3	9.1	8.6	4.3								
300	5	14.1	13.4	6.7								
400	10	29.6	28.0	14.0								
600	15	41.2	39.0	19.5								

\*For standard motors, refer to pages A2-12 and A2-13.

\*\*If Pulper and Ejector are pit mounted, motor horsepower will be 1.5.

## INSTALLATION DATA

### WATER PRESS MOTORS

WATER PRESS RATED CAPACITY (lb/hr)	HELICAL SCREW DRIVE MOTOR(S)					RETURN WATER PUMP MOTOR				MOTOR FOR OPTIONAL PULP TRANSPORT SCREW			
	No. of Motors	Total Horsepower	Total Amperage (3 Phase)			Horsepower *	Amperage (3 Phase)			Horsepower **	Amperage (3 Phase)		
			208 volts	220 volts	440 volts		208 volts	220 volts	440 volts		208 volts	220 volts	440 volts
For General Waste and Food Service Waste Systems													
400	1	1.5	5.2	4.9	2.5	3	9.1	8.6	4.3	1	4.2	3.9	2.0
600	1	3.0	9.1	8.6	4.3	3	9.1	8.6	4.3	1	4.2	3.9	2.0
900	1	5.0	14.1	13.4	6.7	5	14.1	13.4	6.7	1	4.2	3.9	2.0
1200	1	7.5	22.2	21.0	10.5	5	14.1	13.4	6.7	1	4.2	3.9	2.0
1500	2	10.0	28.3	26.8	13.4	7.5	22.2	21.0	10.5	1	4.2	3.9	2.0
2100	2	15.0	44.5	42.0	21.0	7.5	22.2	21.0	10.5	1	4.2	3.9	2.0
2700	4	20.0	56.6	53.6	26.8	10	28.5	27.0	13.5	1	4.2	3.9	2.0
3600	4	30.0	88.7	84.0	42.0	10	28.5	27.0	13.5	1	4.2	3.9	2.0
For Package Systems													
100	1	1.5	5.2	4.9	2.5								
200	1	1.5	5.2	4.9	2.5								
300	1	1.5	5.2	4.9	2.5								
400	1	1.5	5.2	4.9	2.5								
600	1	3.0	9.1	8.6	4.3								

### CLEARANCE REQUIREMENTS

The following pages contain sketches intended to aid the Architect in allocating floor space for the various WASCON Systems. The sketches should not be regarded as installation drawings, since there could easily be many installation variables depending upon placement of the System components.

Current installation prints for specific systems may be obtained upon application to any AMSCO office or representative.

\*For standard motor . . . refer to pages A2-14 and A2-21.

\*\*Motor is adequate for transport screws up to 20 feet long . . . consult your AMSCO representative concerning motor requirements for greater lengths.



## WASCON

Clearance dimensions shown on the sketches are *minimal* for installing, operating and servicing the equipment. However, before finalizing operating clearance requirements, be sure to consider the following.

- The method by which a Pulper (other than a transport tube-fed model) is fed (e.g., cart, trash can, shovel, hand) and any unusually bulky trash such as large corrugated cartons that must be processed.
- Space for pulp containers at the point where the pulp is discharged; also space for handling pulp containers.
- Space for each receiving station of a transport-tube system . . . consult local codes for location, enclosure requirements, etc.
- Space for any auxiliary motors, pumps or other appurtenances that might be required for custom Systems.

To avoid architectural drawing changes, why not avail yourself of the cost-free services of an AMSCO representative to assure that you have, in fact, allocated sufficient operating space at each System component location . . . a telephone call or card to the nearest AMSCO Branch Office is all that's required.

### INSTALLATION AIDS

Sketches of the various components required to make up General Waste Systems or Food Service Waste Systems, as well as sketches of total Package Systems, are presented on the following pages.

As mentioned previously, Pulpers, Water Presses and related WASCON components can be combined in an impressive number of intriguing ways to form total Systems tailored to specific waste-management techniques. Consequently, sketches of "typical" total Systems, in lieu of the sketches provided, would be of little value to the Planner or Architect.

Once the reader has determined the number and capacity of each Pulper and Water Press (or Package System) required and their proposed distribution within the building complex, he should consult the index below for the pages which contain the appropriate installation aids.

### INDEX TO INSTALLATION AIDS

#### GENERAL WASTE SYSTEM COMPONENTS

Pulpers	
For floor-level mounting . . . . .	A2-31
For mounting in a pit . . . . .	A2-32
Trash ejector . . . . .	A2-33
Water Presses . . . . .	A2-34

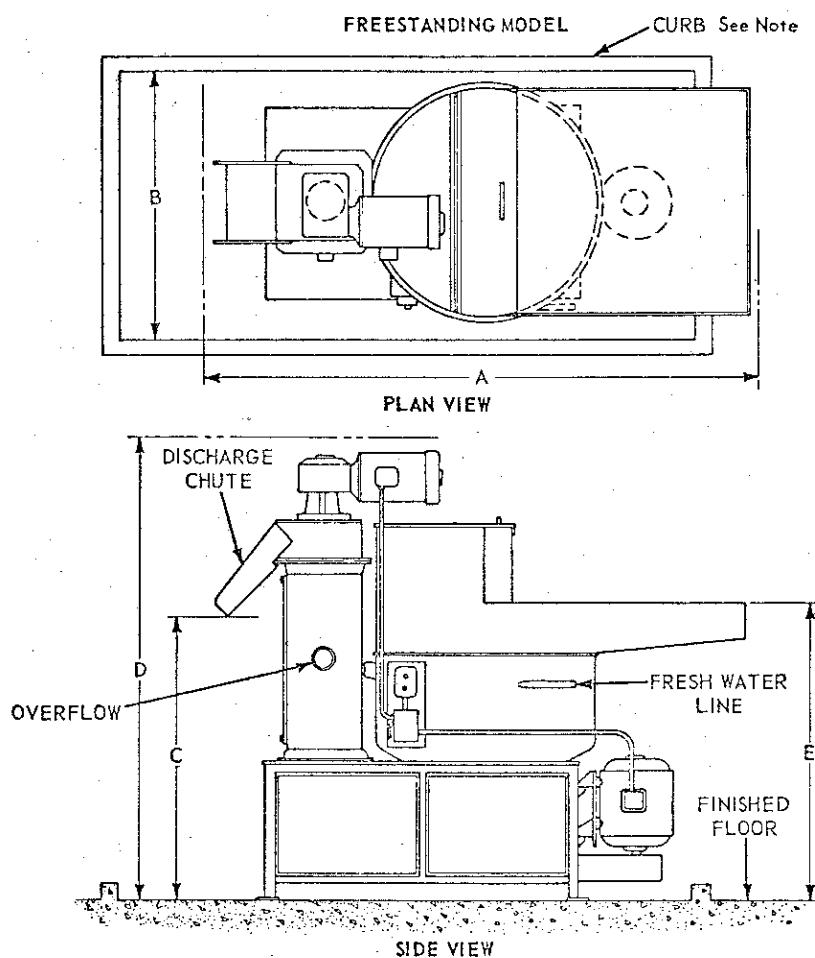
#### FOOD SERVICE WASTE SYSTEM COMPONENTS

Pulpers	
Freestanding models . . . . .	A2-36
For under-counter mounting . . . . .	A2-37
Water Presses . . . . .	A2-38

#### PACKAGE SYSTEMS

Freestanding models . . . . .	A2-39
Models with Pulper mounted under a counter . . . . .	A2-40

# INSTALLATION AIDS



Consult pages A2-25 through A2-28 for pipe sizes, electrical and other utility service requirements, and operating clearances.

## CLEARANCES AND WEIGHTS

System Capacity (lb/hr)	A	B	C	D	E	Operating Weight (lb)
100	3'-7"	2'-0"	3'-0"	5'-4"	3'-2"	560
200	4'-7"	2'-6"	3'-0"	5'-8"	3'-2"	850
300	5'-1"	3'-0"	3'-2"	5'-10"	3'-2"	1125
400	5'-9"	3'-6"	3'-9"	6'-2"	3'-8"	1550
600	6'-11"	4'-0"	4'-6"	7'-10"	5'-4"	2025

### NOTE:

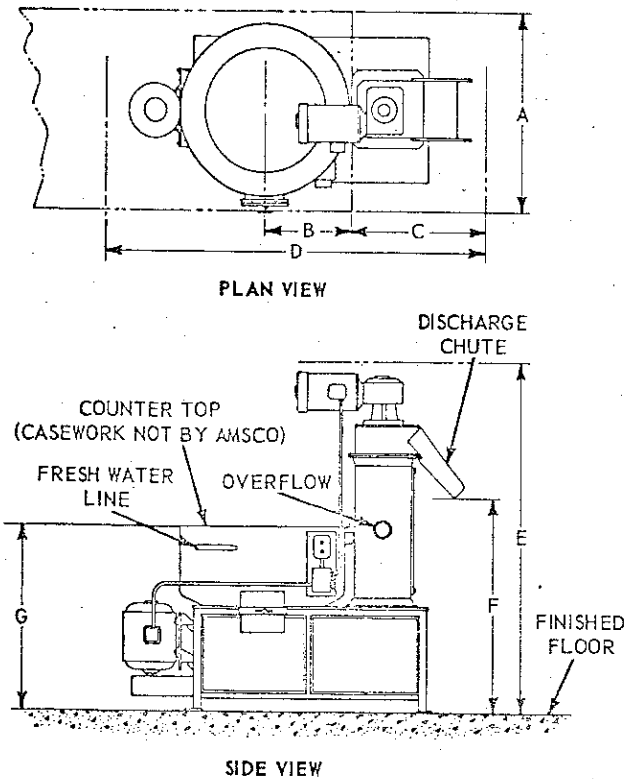
Provide 4" high curb around System following plan view clearances except at: (1) Water Press discharge chute, where curb length must be enlarged to permit placement of pulp container under discharge chute; and (2) Pulper charging tray, where curb length must be reduced to facilitate feeding pulper. Also provide a 4" open floor drain within the curbed area.

THIS SHEET IS FOR PRELIMINARY GUIDANCE AND VIEWS ARE NOT TO SCALE. ACTUAL INSTALLATION PRINTS MAY BE OBTAINED UPON APPLICATION TO ANY AMSCO OFFICE OR REPRESENTATIVE.



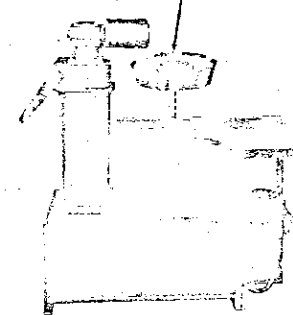
**WASCON**

FOR MOUNTING UNDER END OF COUNTER



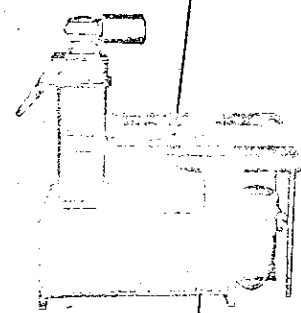
OPTIONAL FEEDING ACCESSORIES

"SILVERWARE SAVER"  
AND RUBBER SCRAPPING BLOCK



PULPER

ACCESS COVER



TROUGH CONNECTION  
See Note

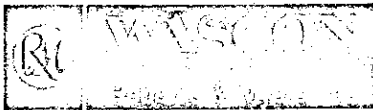
Consult pages A2-25 through A2-28 for pipe sizes, electrical and other utility service requirements, and operating clearances.

**CLEARANCES AND WEIGHTS**

System Capacity (lb/hr)	A	B	C	D	E	F	G	Operating Weight (lb)
100	2'-6"	0'-10"	1'-4"	3'-9"	5'-4"	3'-0"	2'-10"	560
200	2'-6"	1'-1"	1'-3"	4'-3"	5'-8"	3'-0"	2'-10"	850
300	2'-10"	1'-4"	1'-8"	5'-2"	5'-10"	3'-2"	2'-10"	1125

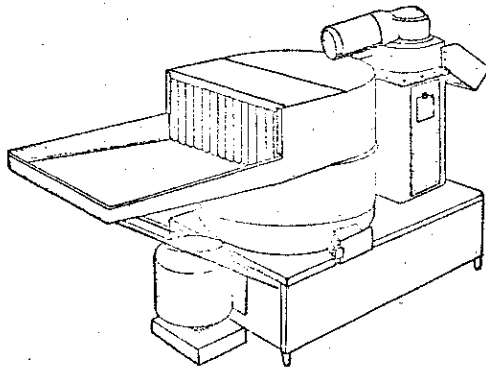
**NOTE:** A trough connection may be specified on either or both sides of the Pulper.

THIS SHEET IS FOR PRELIMINARY GUIDANCE AND VIEWS ARE NOT TO SCALE. ACTUAL INSTALLATION PRINTS MAY BE OBTAINED UPON APPLICATION TO ANY AMSCO OFFICE OR REPRESENTATIVE.



## PACKAGED SYSTEMS

compact • self-contained • for low-volume waste service



The Wascon "Packaged Units" comprise a pulper and water press on a common base. Proved highly successful in low-volume waste disposal situations, they are particularly recommended for food service, classified document destruction, clinical records and research document destruction and similar type applications. Units are approved by appropriate government agencies.

"Packaged Systems" require no slurry or return water lines or pumps. They are highly economical yet entirely suitable for most low-volume waste situations. The installation requires a minimum of floor space.

Wascon "Packaged Systems" operate continuously or intermittently with a manual start and stop and/or manual start with an automatic stop.

### SPECIFICATION (PACKAGE UNITS)

All standard packaged units are fabricated utilizing stainless steel for all wetted parts.

Mild steel units are optional for non-food service applications.

Wascon Model ENS-\_\_\_\_ Package Unit rated at \_\_\_\_ lbs./hr. capacity, pulper to pulp waste beyond recognition and reconstruction at a rate of \_\_\_\_ lb./hr., dewater pulp and discharge same into adjacent pulp container, returning excess water for reuse in pulping tank. Pulping tank to be \_\_\_\_ inch diameter, welded fabrication of heavy stainless steel plate. Tank to be Number 4 polished finish. Stainless steel fabrication to include pulping tank, slurry chamber, and water press connection. (On pulpers with feed trough connections, fresh water piping assembly is furnished for mounting at end of feed trough.) Pulper to include horizontally mounted \_\_\_\_ inch diameter Type 304 stainless steel flat pulping impeller with blanking die grade formed carbide cutting teeth of Rockwell "A" 88 hardness or greater and stainless steel waste sizing ring. Pulper impeller to be belt driven with impeller keyed to shaft and provided with labyrinth and mechanical seal at tank bottom. Unit to include attached stainless steel dewatering press assembly. Stainless steel construction to include jacket, water solids separator, helix, bottom guide and housing assembly. Structural base to consist of tubular steel members with either stationary stainless steel flanged feet or stainless steel bullet or circular flanged feet. Base to be enclosed with Number 4 polished stainless steel removable panels.

Pulper drive motor mounting plate to be hinged for ease of belt adjustment and maintenance. Water press helix to be driven by separate gear motor.

Unit to be shipped as single complete package with separate control panel containing all operating controls for the system and a separate water level control panel. Electrical sequence control panel to be pre-wired containing all electrical controls for pulping system. Enclosure to be Nema 12 including main circuit breaker safety interlocked with door handle and 110 volt control circuit transformer. Each motor protected by individual circuit breaker and automatic reset magnetic starter with three-leg protection. Nema 4 start-stop button to be mounted on pulper with drive motors pre-wired to junction box.

Discharge drain valve (for periodic draining of machine) located to require all liquid to pass through fine mesh water solids separator before passing to drain.

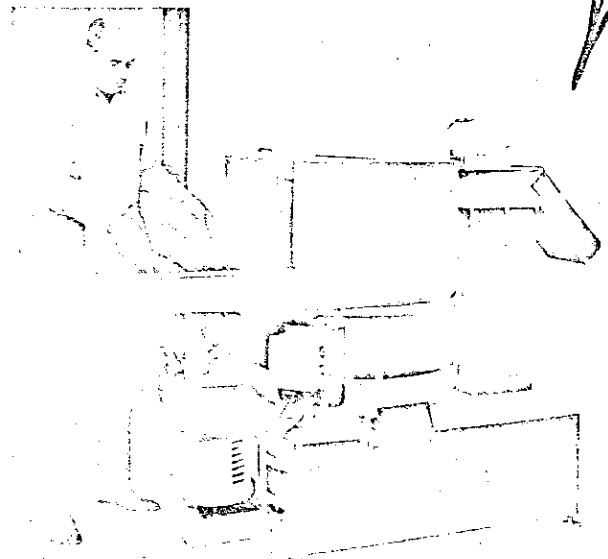
Unit to include stainless steel feeding tray and hood opening covered by plastic curtain. Press discharge chute and tray each to be rotatable in 90° increments to provide optimum space utilization.

Package Unit Model No.	Floor Space			Capacity Lbs. Per Hr.	Approximate Shipping Wt., Lbs.
	Length	Width	Height		
ENS 904	51"	23"	59"	100	500
ENS 1204	64"	28"	59"	200	700
ENS 1504	76"	33"	59"	300	1,000
ENS 1804	88"	41"	70"	400	1,400
ENS 2106	113"	48"	91"	600	1,600

(1) Floor space indicated is for equipment only. Adequate space should be provided for installation and maintenance of equipment.

(2) Capacity is based upon 50% newsprint and 50% mixed paper. This is a nominal criterion for establishing capacity of the various size units. Capacity will be proportionately higher on food waste, up to 350% of rating on Class 3 waste with 75% moisture, i.e., garbage, animal and vegetable food waste.

Typical "Packaged Unit" comprising pulper and water press as an integral system.



MAILED

SEP 15 10 07 '70

PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15-203-70

15 SEP 1970

11/10/19

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390  
Subj: Ground floor rearrangement of Library and Educational Center  
Ref: (a) Meeting between ChesDiv, A&E and USNA at USNA on  
4 Sept 1970  
Encl: (1) Functional rearrangement of media areas  
(2) Functional rearrangement of photo lab  
(3) Conversion of classrooms to library map room  
(4) Comments on media spaces  
(5) Comments on photography laboratory

1. The A&E presented two ground floor revision studies and associated cost estimates at reference (a). The Naval Academy selected revision study "B" with appropriate modifications to provide a bookstore in the vicinity of the reference southeast corner of the ground floor.
2. It was requested at reference (a) that the Naval Academy provide comments on the functional layout to ChesDiv at an early date. Enclosures (1), (2) and (3) incorporate desired functional changes as discussed in enclosures (4) and (5).
3. Two 20-man classrooms adjacent to the Library Documents Area are to be configured as a library map room as shown on enclosure (3).
4. Enclosures (1) through (5) are forwarded in accordance with reference (a).

PAUL D. OLSON  
By direction

Originated by LT J. E. Koons, Planning Officer, PWD, X-2035,  
15 September 1970, ib.

Exec Asst To Supt.	
Spec Asst for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec Asst to Dean	
Asst Dean for Mid'n.	
Asst Dean for Faculty	
Exec Ass't Faculty	
Exec Ass't Midn	
Dir Educat'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Candidate Guidance Off.	
Publications Officer	
Chief of Staff	
P&A Off	
Comptroller	
Admin Off.	
Sec. Officer	
Off. Pers.	
Legal	
PAO	
Mgt. Svcs.	
Comm. Off.	
Comdt Midn	
Exec Dept.	
Nav. Sci. Dept.	
Weap. Dept.	
Math. Dept.	
Sci. Dept.	
Engr. Dept.	
F.H.&G Dept.	
Mod. Lang. Dept.	
Chaplain	
Dir. Museum	
P.W.O.	
Supply	
I.R.O.	
Nav. Sta.	
NPPSBO	
Librarian	
Phys. Ed.	

052B  
69C0972(105)

Barretto Granite Corp.  
Armory Road  
Milford, N. H. 03055

11 SEP 1970

11 SEP 1970

Subj: Contract NBy-91913 - Library and Educational Center, U. S.  
Naval Academy, Annapolis, Md.

Gentlemen:

Reference is made to your letter of 20 August 1970 in which you discussed the possibility of Kitledge Grey Granite being used at the U. S. Naval Academy.

Your granite is compatible with the approved samples and will be eligible for consideration for use in future buildings at the Academy. However, your granite must be submitted for each individual contract where it is required, by the contractor who is the successful low bidder on the project.

Sincerely yours,

Robert J. Walsh  
Director, Construction Division  
By direction of the Commanding Officer

COPY TO:  
USNA ANNA



17 AUG 1970

~~18 AUG 1970~~

11101/9

Dear Mr. Chambers,

I appreciate your interest in the interior design of our new library. Your brochures portray a professional competence and I'm sure your firm would be capable of enhancing the interior decor of this building.

As you may be aware, the joint venture of John Carl Warnecke and Associates-George M. Ewing Company designed the library under contract with the Naval Facilities Engineering Command. The interior design of the building is being accomplished by this group as a part of the design contract.

I thank you for your interest and regret that a meeting at this time would not be fruitful due to the existence of the previously awarded contract. Your brochures will be retained by our Public Works Department for future reference.

Sincerely,

JAMES CALVERT  
Vice Admiral, U. S. Navy  
Superintendent

Mr. J. H. L. Chambers, Jr., A.I.D.  
President  
The H. Chambers Company  
1010 North Charles Street  
Baltimore, Maryland 21201

Originated by LT J. E. Koons, Planning Officer, PWD, X-2035,  
8/13/70, ib.  
Retyped in Flag Sec's Office, X304, 8/17/70, ba.

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PLANNING OFFICE  
8/17/70

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11101/9

Exec Asst To Supt.	
Spec Asst for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec Asst to Dean	
Asst Dean for Faculty	
Exec Asst Faculty	
Dir. Computer Serv.	
Asst Dean Edu'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Dir. Recruit & Candidate Guidance	
Chief of Staff	
P&A Off.	
Admin. Off.	
Sec. Officer	
Off. Pers.	
Judge Advocate	
PAO/VSO	
Comm. Off.	
Deputy Mgmt.	
Comptroller	
Comdt. Midn.	
Deputy Comdt.	
Nav. Sci. Dept.	
Weap. Dept.	
Math. Dept.	
Sci. Dept.	
Engr. Dept.	
E.H.&G. Dept.	
Mod. Lang. Dept.	
Chaplain	
Dir. Museum	
P.W.O.	
Supply	
D.C.P.	
Nav. Sta.	
Librarian	
Phys. Ed.	

M

# Chambers

INTERIOR & INDUSTRIAL DESIGN

THE H. CHAMBERS COMPANY

1010 N. Charles St., Baltimore, Md. 21201

Tel. (301) 727-4535

August 3, 1970

Rear Admiral James Calvert, U.S.N.  
Superintendent  
United States Naval Academy  
Annapolis, Maryland 21402

Dear Admiral Calvert:

I noted with considerable interest recently the news of the start-up of a new library at the Academy. It sounds like a grand program, and I'm sure is a badly-needed one (remembering Mahan Hall as I do).

We would appreciate the opportunity of reviewing this program with an appropriate member of your staff sometime soon; and at the same time be able to portray our company's capabilities in relation to the interior and graphic design requirements that there will be for this new structure.

As you may know, with over 100 persons on staff, we do have one of the largest and most comprehensive interior and industrial design firms in the country, and thus have excellent capacities for handling programs of the scope of the new library. In addition, we have had some good background in library work in recent years. However, in order to exemplify some of our general work, I am enclosing a brochure that outlines some of our abilities. I trust it will be an interesting review for you.

As we have not had an occasion of making any contributions to the Academy's buildings' programs since the Mess Hall was enlarged and modified some years ago, I hope an opportunity might now be available. I will hope to hear from your office regarding a possible appointment in the near future.

Also looking forward to seeing you at the Baltimore Chamber of Commerce baseball outing on the 25th, and with best personal regards, I remain

Sincerely yours,



J. H. L. Chambers, Jr., A.I.D.  
PRESIDENT

LC:caz  
Enclosures

MAILED

AUG 17 13 29 '70

15-183-70

17 AUG 1970

PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

11/01/9

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390

Subj: Library and Educational Center, Contract N62477-69-C-0972

Ref: (a) Mtg between ChesDiv, A&E and USNA personnel at USNA  
on 29 Jul 1970  
(b) Mtg between ChesDiv, A&E and USNA personnel at USNA  
on 7 Aug 1970  
(c) Foncom between Mr. Frank Caldwell, ChesDiv and  
LT J. E. Koons, USNA on 14 Aug 1970  
(d) NAVFAC drawing number 1342289

Encl: (1) Photographic requirements  
(2) Functional relationships of photographic requirements  
(3) ETV studio criteria  
(4) Audio-visual and T.V. distribution room criteria  
(5) ETV control room criteria  
(6) Proposed modification to NAVFAC drawing number 1342117  
(7) Miscellaneous design changes

1. The Naval Academy has recently undergone academic and administrative reorganizations which affect the design of the new Library and Educational Center and require certain design changes on the ground level. The disestablishment of the Instructional Media Center provides an opportunity to collect educational television and photographic services in one centrally located area. Further, the appointment of a Naval Academy Archivist has altered the space requirements in the administrative area of the Library on the second level.

2. Reference (a) was held to discuss the possibility of rearranging spaces in the Instructional Media area to accommodate educational television (ETV) and photographic operations. The A&E, at reference (b), indicated that the changes discussed at reference (a) could in fact be accomplished, but cautioned that a complete review of the ground floor would be most desirable in order to assure optimum location and design of the facilities.

3. Any redesign of the ground floor should be based on the following criteria:

Originated by LT J. E. Koons, Planning Officer, X-2035,  
14 August 1970, ib.

Exec Asst To Supt.	
Spec Asst for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec Asst to Dean	
Asst Dean for Faculty	
Exec Asst Faculty	
Dir. Computer Serv.	
Asst Dean Edu'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Dir. Recruit & Candidate Guidance	
Chief of Staff	
P&A Off.	
Admin. Off.	
Sec. Officer	
Off. Pers.	
Judge Advocate	
PAO/VSO	
Comm. Off.	
Deputy Mgmt.	
Comptroller	
Comdt. Midn.	
Deputy Comdt.	
Nav. Sci. Dept.	
Weap. Dept.	
Math. Dept.	
Sci. Dept.	
Engr. Dept.	
E.H.&G. Dept.	
Mod. Lang. Dept.	
Chaplain	
Dir. Museum	
P.W.O.	
Supply	
D.C.P.	
Nav. Sta.	
Librarian	
Phys. Ed.	

Subj: Library and Educational Center, Contract N62477-69-C-0972

- a. All library functions to be retained (may, however, be relocated).
- b. Equivalent office space for the academic department as previously designed.
- c. ETV studio and office spaces to be optimum design.
- d. Photographic requirements to incorporate functional requirements outlined in enclosure (1).
- e. In accordance with reference (c), redesign should be based on the following conditions:
  - (1) inclusion of the bookstore
  - (2) deletion of the bookstore

A&E recommendations should reflect both conditions.

f. The classrooms should be reconfigured as approximately 60-man tiered classrooms. This figure of 60 is not firm and the A&E should recommend other capacities if appropriate. Original capacity is to be maintained as the minimum acceptable capacity under redesign.

g. Graphic production area should be redesigned for four workers vice eight. (Approximately 1200 square feet)

Enclosure (2) shows a previously proposed photo lab layout which indicates functional relationships. Enclosures (3) through (5) specify requirements for certain of the ETV areas.

4. The newly appointed Archivist and his secretary will be located within and share the administrative areas of the Library. It is necessary, therefore, to design an additional office as part of this administrative area. Enclosure (6) indicates a revised configuration which the Academy believes would be most desirable and least disruptive to the present design. Two lighting fixtures shown on reference (d) would have to be changed and minimal lighting circuit changes would necessarily have to be effected.

5. Enclosure (7) discusses additional changes to the final design which the Naval Academy considers appropriate and desirable.

15-183-70

Subj: Library and Educational Center, Contract N62477-69-C-0972

6. It is requested that ChesDiv task the A&E with redesigning the ground floor of the library based on the criteria in paragraph 3 and enclosures (1) through (5). It is further requested that ChesDiv authorize the changes requested in enclosures (6) and (7).

R. F. JORTBERG

By direction

Copy to:

Librarian (w/encl.)

ETV (w/encl.)

IMC (w/encl.)

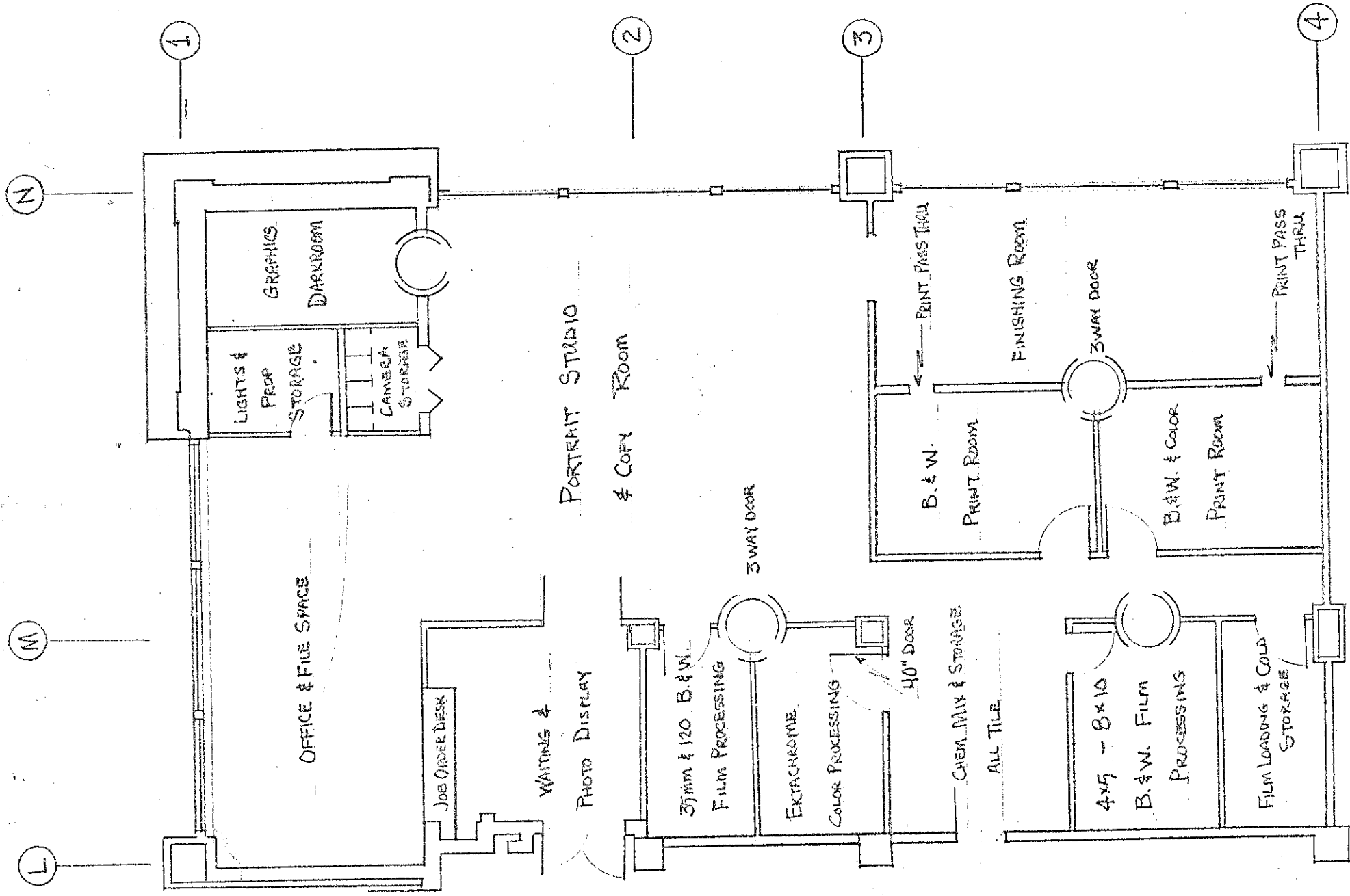
103 (w/encl.)

## PHOTOGRAPHIC REQUIREMENTS

Consideration was given to placing photographic studios, offices and processing rooms within column lines 1 through 4 and L through N on NAVFAC drawing 1342110. It should be noted that the aforementioned space was first established and that functional requirements were then fitted within the space limitation. The A&E should give careful consideration to the following functional room sizes as they are by no means firm requirements. Functional requirements and approximate room sizes are as follows:

<u>Function</u>	<u>Approximate Size</u>
Job order desk incorporated with visitors' lounge, photo display, and coffee mess area	225 sq. ft.
35 MM and 120 black and white film processing	85 sq. ft.
Ektachrome color processing	110 sq. ft.
Chemical mixing and storage room (all tile, washdown surfaces)	120 sq. ft.
4x5 - 8x10 black and white film processing	100 sq. ft.
Film loading and cold film storage	75 sq. ft.
Black and white print room	140 sq. ft.
Black and white color print room	140 sq. ft.
Finishing room	340 sq. ft.
Graphics darkroom	100 sq. ft.
Lights and prop storage	60 sq. ft.
Camera storage (5 lockers)	30 sq. ft.
Office and file space	400 sq. ft.
Portrait studio and copy room	<u>550</u> sq. ft.
	2475 sq. ft. plus necessary corridors

Enclosure (1)



PROPOSED FUNCTIONAL LAYOUT USNA

PHOTO LAB - REFERENCED NAVFAC 4342110

JEK 8-16-76

ENCLOSURE (2)

### ETV STUDIO CRITERIA

1. The total required television lighting for the studio is approximately fifty (50) KW. This lighting source would consist of quartz lamp fixtures presently on board. The maximum lighting load will be sixty percent (60%) of the total fifty (50) KW or thirty (30) KW. During such periods of maximum lighting (normally not to exceed four hours) as many as ten (10) people may occupy the studio. Typical loading of the studio is on the order of twelve (12) to fifteen (15) KW lighting power with up to five persons in the studio. Other studio equipment (cameras etc.) will dissipate approximately two thousand (2,000) watts.
2. The height of the lighting grid should be as high above the floor as possible and in no case less than twelve (12) feet. The quartz lamp fixtures in present use should be re-used, however, installation of the grid should be included in the library contract. The grid should be designed on four foot (4') spacing in both horizontal directions. A clearance of eight to twelve inches (8 to 12") between the lighting grid and the ceiling would be satisfactory.
3. A four inch by four inch (4"x4") duct should be provided along the three walls nearest the control room. Free access to these ducts should be provided in the corner of the studio nearest the non-elevated control room. The required electrical power for the television lighting should be available in this corner also. These ducts should be near ceiling height for purposes of "homeruns" for the television lighting.
4. Two 2" conduits for audio and video services with two outlets from each conduit should be installed along both side walls. The outlets should be six inch by six inch (6"x6") square boxes, flush-mounted and spaced at the one-third points along each wall. There is, therefore, a total requirement of eight 6" x 6" outlets. The empty conduit should terminate four inches (4") above the studio floor and be accessible below the raised V.A.T. floor in the control room.
5. An opening approximately eight inches by sixteen inches (8" x 16") with a flush-mounted cover should be provided in the wall between the elevated control room and the studio. This opening must be below the raised V.A.T. floor in the control room.
6. One hundred and ten (110) volt A.C. convenience outlets should be provided on approximately nine foot (9') centers along all four walls.

Enclosure (3)

7. A double pane, slanted glass window, approximately eight feet by three feet (8' x 3') is required in the wall between the studio and the elevated control room. This type and size window is presently in use in the Michelson Hall studio and should be re-used in the interest of economy.

8. The following doors are required:

- a. Single door between elevated control room and the studio.
- b. Double three foot (3') doors between studio and corridor.
- c. Double three foot (3') doors between non-elevated control room and corridor.

9. Acoustic treatment of the studio is essential and should limit the noise level to twenty-five decibels (25 db) relative to .0002 dynes/cm. Noise from air conditioners, corridors, bells, etc. should be considered. Spray-on insulation of the ceiling and acoustic doors are recommended.

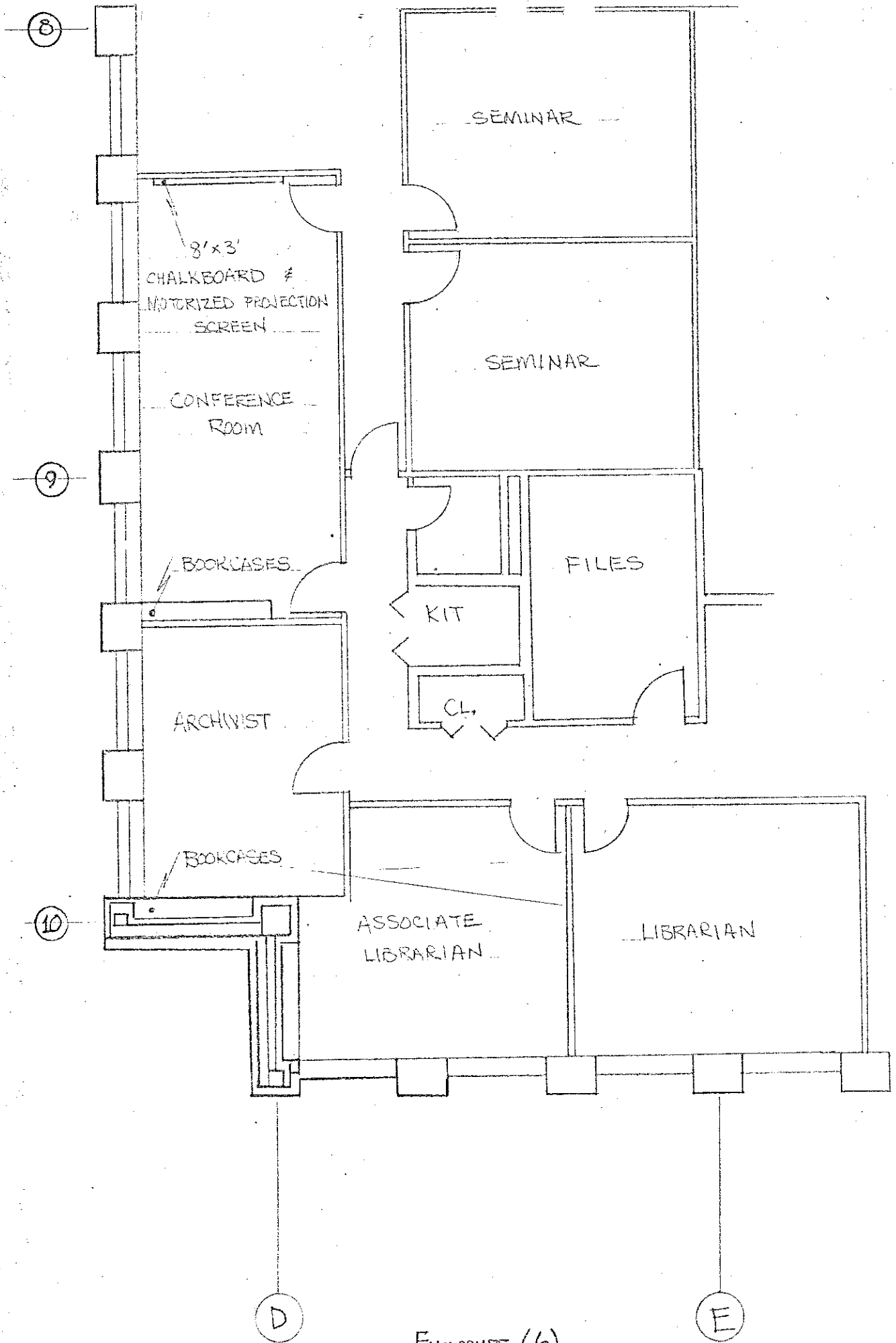
10. A twelve foot (12') section of chalkboard is required.

### AUDIO VISUAL DISTRIBUTION ROOM CRITERIA

1. Three people will normally occupy the room.
2. Seventy-five (75) amps on ten (10) breakers will be required in this room.
3. Distribution ducts are required either overhead or in the floor. A four inch by twelve inch (4" x 12") duct should terminate in the elevated control room. There should be three three inch by six inch (3" x 6") ducts at the 1/6, 1/2 and 5/6 points across the room and running the length of the room. One of these 3" x 6" ducts should extend service to both the audio visual and the T.V. maintenance rooms.
4. A cable tray to provide support for nine 1" cables is required from the distribution room to Michelson-Chauvenet Halls.

### ETV CONTROL ROOM CRITERIA

1. This room will normally be occupied by four people.
2. A wall, perpendicular to the wall dividing the studio from the control room, should divide the control room approximately in half. This wall should contain a six foot by three foot (6' x 3') glass window centered at approximately the midpoint of the wall exclusive of a forty inch (40") door at the end of the wall opposite the studio.
3. An elevated computer deck is required in one half of the control room at a height of 8 to 12 inches above the studio deck. A ramp should be provided from the non-elevated control room to the elevated control room. Steps should be provided for the doorway between the elevated control room and the studio. The present control room in Michelson Hall has a raised V.A.T. floor which is probably in greater quantity than that required for a new control room. Consideration should be given to re-using this raised floor in the interest of economy.
4. Seventy-five (75) amps on fifteen (15) breakers is required on the control room breaker panel.
5. Four inch by four inch (4"x4") ducts should begin at the double door entrance and run along the three walls of the non-elevated control room which are not shared with the elevated control room. Four inch by four inch (4"x4") holes should be provided in the corners of the room adjacent to the elevated control room so that cables in the ducts may feed under the raised V.A.T. floor.



### MISCELLANEOUS DESIGN CHANGES

1. The service desk, space G-27, should be eliminated. The issue function to have been carried out at this location will now be carried out in media storage, space G-18. No changes in the design of G-18 are required as a result of this change. Approximately seven additional audio carrels should be installed in space G-28 as a result of eliminating the entrance from G-28 to G-27. Additional power and sound outlets should be provided for these additional carrels.
2. Direct access should be provided between Process and Binding, T-13 and the elevator in corridor T-11. The door should be three feet wide, directly opposite the elevator door, and should be installed to open from T-13 only.
3. Telephone jacks should be provided on the terrace level on the service core along column line F and between column lines 8 and 9 . Two jacks are required; one near each end of the service desk to be located here.
4. The conference room in the reference southeast corner of the second level (whether relocated or not) should contain a chalkboard and a motorized viewing screen.
5. The number of convience outlets provided throughout shelving and general seating areas appears to be totally inadequate from the maintenance standpoint. Convience outlets should be more reasonably spaced throughout these areas (interior columns?) and in sufficient quantity to eliminate inefficient cleaning procedures.

Enclosure (7)

MAILED

AUG 5 11 54 '70

PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15-166-70

7 AUG 1970

11101/9

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390

Subj: Library and Educational Center, Contract N62477-69-C-0972

Ref: (a) Mtg between ChesDiv, A&E and USNA personnel at the  
USNA on 29 July 1970  
(b) NAVFAC drawing 1342110  
(c) NAVFAC drawing 1342117  
(d) NAVFAC drawing 1342289

Encl: (1) Proposed Modifications to NAVFAC drawing 1342110  
(2) ETV Studio Criteria  
(3) Audio Visual Distribution Room Criteria  
(4) ETV Control Room Criteria  
(5) Proposed Modifications to NAVFAC drawing 1342110  
for Photographic Studio and Processing Areas  
(6) Proposed Modifications to NAVFAC drawing 1342117  
(7) Miscellaneous Design Changes

1. The Naval Academy has recently undergone academic and administrative reorganizations which affect the design of the new Library and Educational Center and require significant design changes on the ground level. The disestablishment of the Instructional Media Center provides an opportunity to collect educational television and photographic services in one centrally located area. Further, the appointment of a Naval Academy Archivist has altered the space requirements in the administrative area of the Library on the second level.

2. Reference (a) was held to discuss the possibility of rearranging spaces in the Instructional Media area to accommodate educational television and photographic operations. Enclosures (1) through (5) will confirm and amplify certain requirements discussed at reference (a).

3. The newly appointed Archivist and his secretary will be located within and share the administrative areas of the Library. It is necessary, therefore, to design an additional office as part of this administrative area. Enclosure (6) indicates a revised configuration which the Academy believes would be most desirable and least disruptive to the present design. Two lighting fixtures shown on reference (d) would have to be changed and minimal lighting circuit changes would necessarily have to be effected.

Originated by LT J. E. Koons, Planning Officer, X-2035, 8/5/70, ib.

NDW-USNA-PUPTOFF 5216/37 (REV. 10)

Exec Asst To Supt.	
Spec Asst for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec Asst to Dean	
Asst Dean for Faculty	
Exec Asst Faculty	
Dir. Computer Serv.	
Asst Dean Edu'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Dir. Recruit & Candidate Guidance	
Chief of Staff	
P&A Off.	
Admin. Off.	
Sec. Officer	
Off. Pers.	
Judge Advocate	
PAO/VSO	
Comm. Off.	
Deputy Mgmt.	
Comptroller	
Comdt. Midn.	
Deputy Comdt.	
Nav. Sci. Dept.	
Weap. Dept.	
Math. Dept.	
Sci. Dept.	
Engr. Dept.	
E.H.&G. Dept.	
Mod. Lang. Dept.	
Chaplain	
Dir. Museum	
P.W.O.	
Supply	
D.C.P.	
Nav. Sta.	
Librarian	
Phys. Ed.	

4. Enclosure (5) is a 1/4" scale, schematic drawing indicating required functional spaces to be located within column lines (1) through (3) and (1) through (4) of reference (b). The Naval Academy will be consulting with personnel from the Naval Photographic Laboratory, Washington, D. C. on Tuesday, 11 August, to discuss rearrangement of the functions within this designated area. Accordingly, enclosure (5) is submitted at this time to establish functional requirements only. Confirmation of the layout as shown on enclosure (5) or a revised layout will be forthcoming following the 11 August meeting previously cited. Enclosure (7) discusses other changes to the final design which the Naval Academy considers appropriate and desirable.

5. It is requested that the Chesapeake Division task the ASE with determining the feasibility of incorporating the changes delineated in enclosures (1) through (7). It is further requested that these feasibility studies, accompanied by cost estimates, where appropriate, be considered in three groupings, i.e., ETV, photographic processing and administrative office areas.

R. F. JORTBERG

By direction

Copy to:  
Librarian  
IMC  
Director, ETV

### ETV STUDIO CRITERIA

1. The total required television lighting for the studio is approximately 50 KW. This lighting source would consist of quartz lamp fixtures presently on board. The maximum lighting load will be 60% of the total 50 KW or 30 KW. During such periods of maximum lighting (normally not exceeding four hours) as many as 10 people may occupy the studio. Typical loading of the studio is on the order of 12 to 15 KW lighting power with up to five persons in the studio. Other studio equipment (cameras, etc.) will dissipate 2000 watts.
2. The lighting grid height should be as high above the floor as possible and in no case less than 12 feet. The quartz lamp fixtures in present use should be re-used, however, installation of the grid should be included in the Library contract. The grid should be designed on a 4' x 4' foot module. A clearance of 8 to 12 inches between the lighting grid and ceiling would be satisfactory.
3. A 4" x 4" duct should be provided along the reference west, south and east walls. Free access to these ducts should be provided in the reference southeast corner of the studio. The required electrical power for the television lighting should be available in this southeast corner also. These ducts should be near ceiling height for purposes of "homeruns" for the television lighting.
4. Two 2" conduits for audio and video services with two outlets from each conduit should be installed along the reference east and west walls. The outlets should be 6" x 6" square boxes, flush-mounted and spaced at the one-third points along each wall. Therefore, there would be two 6"x 6" boxes approximately nine feet on each side of the column line (J) on each side of the room for a total requirement of eight 6" x 6" outlets. The empty conduit should terminate 4" above the studio floor and be accessible below the raised V.A.T. floor in the control room.
5. An opening approximately 8" x 16" with a flush-mounted cover should be provided in the wall between the elevated control room and the studio. This opening must be below the raised V.A.T. floor in the control room.
6. 110 volt A.C. convenience outlets should be provided on approximately 9 foot centers along all four walls.
7. A double pane, slanted glass window, approximately 8' x 3' is required in the wall between the studio and elevated control room. This type and size window is presently in use in the Michelson studio and should be re-used in the interest of economy.

8. The following doors are required:

- a. Single 3' between studio and corridor.
- b. Single door between elevated control room and studio.
- c. Double 3' doors between studio and loading platform.
- d. Double 3' doors between the non-elevated control room and corridor.

9. Acoustic treatment of the studio is essential and should limit the noise level to 25 db relative to .0002 dynes/cm. Noise from air conditioners, corridors, bells, etc. should be considered. Spray-on insulation of the ceiling and acoustic doors is recommended.

10. A 12' section of chalkboard is required on the wall adjacent to the storage room.

AUDIO VISUAL DISTRIBUTION ROOM CRITERIA

1. Three people will normally occupy the room.
2. 75 amps on 10 breakers will be required in this room.
3. Distribution ducts are required either overhead or in the floor as shown on enclosure (1). One duct should terminate in the elevated control room and another should terminate in the Audio Visual maintenance room.
4. The raised V.A.T. floor, as called for on the contract drawings, should be deleted.
5. A cable tray to provide support for nine 1" cables is required from the distribution room to Michelson-Chauvenet Halls.

### ETV CONTROL ROOM CRITERIA

1. This room will normally be occupied by four people.
2. A wall parallel to the corridor should divide the control room as shown on enclosure (1). This wall should contain a 6' x 3' glass window and a 40" door as shown on enclosure (1).
3. An elevated computer deck is required in the reference west half of the control room at a height 8 to 12 inches above the studio deck. A ramp should be provided from the non-elevated control room to the elevated control room. Steps should be provided for the doorway between the control room and the studio. The present control room in Michelson Hall has a raised V.A.T. floor in greater quantity than that required for the configuration shown on enclosure (1) and consideration should be given to re-using this raised floor in the interest of economy.
4. 75 amps on 15 breakers is required on the control room breaker panel.
5. 4" x 4" ducts should begin at the double door entrance and run along the reference east, north and south walls of the non-elevated control room. 4" x 4" holes should be provided in the reference northwest and southwest corners of the room so that cables in the ducts may feed under the raised V.A.T. floor.

### MISCELLANEOUS DESIGN CHANGES

1. Approximately seven additional audio carrels should be installed in the space resulting from the elimination of the service desk G-27. Additional power and sound outlets should be provided.
2. The door between corridor G-23 and tape storage, G-24, as shown on enclosure (1), should be a Dutch door.
3. Direct access should be provided between Process and Binding, T-13 and the elevator in corridor T-11. The door should be 3 feet wide, directly opposite the elevator door, and should be installed to open from T-13 only.
4. Telephone jacks should be provided on the terrace level on the service core along column line (F) and between column lines (8) and (9). Two jacks are required; one near each end of the service desk to be located here.
5. The conference room in the reference southeast corner of the second level (whether relocated or not) should contain a chalkboard and a motorized viewing screen.
6. The number of convenience outlets provided throughout shelving and general seating areas appears to be totally inadequate from the maintenance standpoint. Convenience outlets should be more reasonably spaced throughout these areas (interior columns?) and in sufficient quantity to eliminate inefficient cleaning procedures.

14-128-70

26 MAR 1970

From: Superintendent, U. S. Naval Academy  
To: Officer in Charge, Navy Purchasing Office (C2.7)  
Washington, D. C. 20390

Subj: Contract N00600-69-C-0678; exercise option of

Ref: (a) Supt, USNA ltr 14-39-70 of 6 Feb 1970

Encl: (1) Requisition and Invoice/Shipping Document (DD1149)  
N00161-0182-4800

1. The Naval Academy hereby requests that options 3AA through 3AE of the subject contract be exercised in accordance with the provisions therein. Reference (a) applies to Option 3AE.

2. Funds in the amount of \$202,500.00 are provided in enclosure (1).

M. S. HUTCHISON  
By direction

Blind copy to:  
Prof Evans

Prepared by:  
P. T. Marx, LT, SC, USN, Code 300, S&FD, Ext. 739, 3/26/70, jhp

Exec Asst To Supt.	
Spec Asst for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec Asst to Dean	
Asst Dean for Faculty	
Exec Asst Faculty	
Dir Educat'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Dir. Recruit & Candidate Guidance	
Publications Officer	
Chief of Staff	
P&A Off.	
Comptroller	
Admin. Off.	
Sec. Officer	
Off. Pers.	
Judge Advocate	
PAO	
Mgt. Sves.	
Comm. Off.	
Comdt. Midn.	
Exec. Dept.	
Nav. Sci. Dept.	
Weap. Dept.	
Math. Dept.	
Sci. Dept.	
Engr. Dept.	
E.H.&G. Dept.	
Mod. Lang. Dept.	
Chaplain	
Dir. Museum	
P.W.O.	
Supply	
D/C.P.	
Nav. Sta.	
NPPSBO	
Librarian	
Phys. Ed.	

REQUISITION AND INVOICE/SHIPPING DOCUMENT										SHEET NO. 1	NO. OF SHEETS 1	5. REQUISITION DATE 7/1/70	6. REQUISITION NUMBER N00161-0182-4800	
1. FROM: U.S. NAVAL ACADEMY										7. DATE MATERIAL REQUIRED 7/1/70		8. PRIORITY 20		
2. TO: NAVY PURCHASING OFFICE WASHINGTON, D.C. 20390										9. AUTHORITY OR PURPOSE				
3. SHIP TO - MARK FOR U.S. NAVAL ACADEMY LIBRARY ANNAPOLIS, MARYLAND 21402										10. SIGNATURE CDR. W.T. RICHARDS SC		11. VOUCHER NUMBER AND DATE USN		
										12. DATE SHIPPED		b.		
										13. MODE OF SHIPMENT		14. BILL OF LADING NUMBER		
										15. AIR MOVEMENT DESIGNATOR OR PORT REFERENCE NO.				
4. APPROPRIATION AND SUBHEAD 1711804.2280		OBJ. CL. 000	SUR. CONT. NO. 000161	SUBAL-LOT. 0	AUTHORIZATION ACCT'G ACTIVITY 000161	TRANS. TYPE 2D	PROPERTY ACCT'G ACTIVITY 000161	COUNTRY	COST CODE 48B1AC1111Q3	AMOUNT \$202,500.00				
ITEM NO. (a)	FEDERAL STOCK NUMBER, DESCRIPTION, AND CODING OF MATERIAL AND/OR SERVICES (b)					UNIT OF ISSUE (c)	QUANTITY REQUESTED (d)	SUPPLY ACTION (e)	TYPE CON-TAINER (f)	CON-TAINER NOS. (g)	UNIT PRICE (h)	TOTAL COST (i)		
	1. Exercise third option of contract N00600-69-C-0678													
16. TRANSPORTATION VIA MATS OR MATS CHARGEABLE TO						17. SPECIAL HANDLING								
RECAPITULATION OF SHIPMENT	ISSUED BY	TOTAL CONTAINER	TYPE CON-TAINER	DESCRIPTION	TOTAL WEIGHT	TOTAL CUBE	RECEIPT	19. CONTAINERS RECEIVED EXCEPT AS NOTED	DATE	BY	SHEET TOTAL			
	CHECKED BY							QUANTITIES RECEIVED EXCEPT AS NOTED	DATE	BY	GRAND TOTAL			
	PACKED BY							POSTED	DATE	BY	20. RECEIVER'S VOUCHER NO.			
	TOTAL													

MAILED

MAR 24 08 22 '70

PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15-53-70

24 MAR 1970

11/01/9

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, (Code 041),  
Naval Facilities Engineering Command, Washington Navy  
Yard, Washington, D. C. 20390

Subj: Contract N62477-69-C-0972, Library and Educational Center,  
U. S. Naval Academy, Annapolis, Maryland; backcheck of  
plans and specifications

Encl: (1) Marked up plans  
(2) Marked up specifications

1. Enclosures (1) and (2) are submitted in accordance with verbal  
instructions received from the Chesapeake Division. All comments  
have been indicated on the drawings or in the specifications.

2. It is understood that the lighting is presently under redesign  
to achieve greater flexibility in accordance with agreements reached  
during recent discussions between the Librarian, CHESDIV and the A&E.  
It is requested that this activity be allowed to review and comment  
on the lighting design when it is complete.

R. F. JORTBERG  
By direction

Originated by Mr. F. N. Corey, Planning Division, PWD, USNA,  
X-2035, 19 March 1970, ib.

Exec Asst To Supt.	
Spec Asst for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec Asst to Dean	
Asst Dean for Mid'n.	
Asst Dean for Faculty	
Exec Ass't Faculty	
Exec Ass't Midn	
Dir Educat'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Candidate Guidance Off.	
Publications Officer	
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P&A Off	
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Admin Off.	
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Mgt. Sves.	
Comm. Off.	
Comdt Midn	
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Sci. Dept.	
Engr. Dept.	
E.H.&G Dept.	
Mod. Lang. Dept.	
Chaplain	
Dir. Museum	
P.W.O.	
Supply	
I.R.O.	
Nav. Sta.	
NPPSBO	
Librarian	
Phys. Ed.	

15-43-70

25 FEB 1970

## MEMORANDUM FOR THE CHIEF OF NAVAL OPERATIONS

Subj: Construction of Naval Academy Library

1. Plans and specifications for the new Naval Academy Library are now such that a bid opening could be scheduled for 29 April 1970 if the freeze on construction did not exist. I understand the problems inherent in obtaining a release for a project of this magnitude at this time. I believe, however, that it would be most desirable to get some work on the Library project started as early as possible.

2. I have been advised that it would be feasible to accomplish this project by two separate contracts, one for demolition, excavation and foundations, and a second for the superstructure of the building. This approach was followed for Michelson Hall. In the case of the Library, \$2.5 million would be required to permit the first phase of work to proceed. If a decision were to be made to proceed on this basis, a bid opening could be scheduled for approximately two months after the release. This would save several weeks against the earliest possible start if the freeze were to be relaxed in general on 1 July. This could be a crucial savings in time if the Library is to be operational for the beginning of the academic year, September 1972.

3. I recommend that a strong effort be made to obtain an early release of \$2.5 million to permit the demolition, excavation and foundation work to proceed.

JAMES CALVERT

Originated by CAPT R. F. JORTBERG, CEC, USN - PWO  
Ext 547/548 2/24/70 rm

Exec Asst To Supt.	
Spec Asst for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec Asst to Dean	
Asst Dean for Mid'n.	
Asst Dean for Faculty	
Exec Asst Faculty	
Exec Asst Midn	
Dir Educat'l Resources	
Dean of Admissions	
Admissions	
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Candidate Guidance Off.	
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Chief of Staff	
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Comptroller	
Admin Off.	
Sec. Officer	
Off. Pers.	
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Mgt. Svcs.	
Comm. Off.	
Comdt Midn	
Exec Dept.	
Nav. Sci. Dept.	
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Mod. Lang. Dept.	
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Supply	
I.R.O.	
Nav. Sta.	
NPPSBO	
Librarian	
Phys. Ed.	

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FEB 25 15 40 '70

PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15-18-70

2 5 FEB 1970

11101/9

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390

Subj: Library and Educational Center; electrical outlets for  
Technical Processing areas and stack redistribution for

Ref: (a) Supt, USNA ltr 15-12-70 of 16 Jan 1970  
(b) Meeting at the Chesapeake Division, 9 Feb 1970,  
concerning Library lighting

Encl: (1) Drawings of terrace level areas to have electrical  
outlet grid  
(2) Letter from Dr. E. Mason to Mr. Paul Brott of  
5 March 1969

1. Sheets 13 and 14 of enclosure (1) to reference (a) indicated the desirability of providing a grid outlet system in the technical services areas on the terrace level. Mr. Paul Brott of the George M. Ewing Company indicated at reference (b) that such a grid system had been omitted due to the cost involved. Mr. Brott and Professor Evans agreed that normal 110 volt service should be provided on approximately nine foot squares throughout the Technical Processing areas. Mr. Brott requested that the Naval Academy send drawings indicating specifically the areas to have such service available. These drawings are forwarded as enclosure (1).

2. Mr. Joe White, Chesapeake Division, and Mr. Paul Brott, George M. Ewing Company, requested information be sent on correspondence from the library consultant, Dr. E. Mason, in which Dr. Mason recommended redistribution of the stacks on the first and second levels. A copy of this letter is forwarded as enclosure (2).

R. F. JORTBERG  
By direction

Copy to:  
Librarian

Originated by LT J. E. Koons, Planning Officer, PWD, X-2035,  
19 February 1970, ib.

Exec Asst To Supt.	
Spec Asst for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec Asst to Dean	
Asst Dean for Mid'n.	
Asst Dean for Faculty	
Exec Ass't Faculty	
Exec Ass't Mid'n.	
Dir Educat'l Resources	
Dean of Admissions	
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Mgt. Svcs.	
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Sci. Dept.	
Engr. Dept.	
E.H.&G Dept.	
Mod. Lang. Dept.	
Chaplain	
Dir. Museum	
P.W.O.	
Supply	
I.R.O.	
Nav. Sta.	
NFPSEO	
Librarian	
Phys. Ed.	

14-39-70

FEB 1970

From: Superintendent, U. S. Naval Academy  
 To: Officer in Charge, Navy Purchasing Office (C2.7)  
 Washington, D. C. 20390

Subj: Contract N00600-69-C-0678; request for modification to

Encl: (1) Requisition and Invoice/Shipping Document (DD1148)  
 N00161-0020-4882

1. Request subject contract be modified to include the following provisions:

Option 2	Estimated Quantity	Unit	Unit Price	Amount
2AE	16,000	Volume	\$1.85	\$29,600.00
Option 3				
3AE	40,000	Volume	\$1.85	\$74,000.00
Option 4				
4AE	35,000	Volume	\$1.85	\$64,750.00

2. Funds in the amount of \$29,600 are provided by enclosure (1) to exercise Option 2AE at this time.

3. The Naval Academy has budgeted funds to be used for exercise of Options 3AE and 4AE at a later date.

M. S. HUTCHISON  
 By direction --

Blind copy to:  
 Prof Evans, Library

Prepared by:  
 P. T. MARX, LT, SC, USN, Ext. 739, 2/5/70, jhp  
 Revised by:  
 W. T. RICHARDS, CDR, SC, USN, AS&FO, Ext. 559, 2/5/70, jhp

Exec Asst To Supt.	
Spec Asst for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec Asst to Dean	
Asst Dean for Faculty	
Exec Asst Faculty	
Dir Educat'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Dir. Recruit & Candidate Guidance	
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Mgt. Sves.	
Comm. Off.	
Comdt. Midn.	
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D.C.P.	
Nav. Sta.	
NPPSBO	
Librarian	
Phys. Ed.	

SHIPPING CONTAINER TALLY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

REQUISITION AND INVOICE/SHIPPING DOCUMENT					SHEET NO. 1	NO. OF SHEETS 1	5. REQUISITION DATE 2/1/70	6. REQUISITION NUMBER N00161-0020-4882
1. FROM: U. S. Naval Academy					7. DATE MATERIAL REQUIRED		8. PRIORITY 20	
2. TO: Navy Purchasing Office Washington, D. C. 20390					9. AUTHORITY OR PURPOSE			
3. SHIP TO - MARK FOR U. S. Naval Academy Library Annapolis, Maryland 21402					10. SIGNATURE CDR. W.T.Richards		11. VOUCHER NUMBER AND DATE SC USN	
					12. DATE SHIPPED		13. MODE OF SHIPMENT	
					14. BILL OF LADING NUMBER		15. AIR MOVEMENT DESIGNATOR OR PORT REFERENCE NO.	

4. APPROPRIATION AND SUBHEAD	OBJ. CL.	BUR. CONT. NO.	SUBAL. LOT.	AUTHORIZATION ACCT'G ACTIVITY	TRANS. TYPE	PROPERTY ACCT'G ACTIVITY	COUNTRY	COST CODE	AMOUNT
1701804.2280	000	00161	0	000161	2D	000161		48B0AC1111Q3	\$29,600.00

ITEM NO. (a)	FEDERAL STOCK NUMBER, DESCRIPTION, AND CODING OF MATERIAL AND/OR SERVICES (b)	UNIT OF ISSUE (c)	QUANTITY REQUESTED (d)	SUPPLY ACTION (e)	TYPE CONTAINER (f)	CONTAINER NOS. (g)	UNIT PRICE (h)	TOTAL COST (i)
1.	Modify Contract N00600-69-C-0678 to include option 2AE. 16,000 Volumes @ \$1.85.							

16. TRANSPORTATION VIA MATS OR MSTs CHARGEABLE TO					17. SPECIAL HANDLING						
CAPITULATION OF SHIPMENT	ISSUED BY	TOTAL CONTAINER	TYPE CONTAINER	DESCRIPTION	TOTAL WEIGHT	TOTAL CUBE	19. CONTAINERS RECEIVED EXCEPT AS NOTED	DATE	BY	SHEET TOTAL	
	CHECKED BY							QUANTITIES RECEIVED EXCEPT AS NOTED	DATE	BY	GRAND TOTAL
	PACKED BY								DATE	BY	20. RECEIVER'S VOUCHER NO.

MAILED

JAN 16 16 34 '70

PUBLIC RELATIONS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15-12-70

16 JAN 1970

11101/9

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390

Subj: Contract No. N62477-69-C-0972 - Library and Educational  
Center, U. S. Naval Academy, Annapolis, Maryland;  
review of 90% plans and specifications and submittal  
of comments for

Ref: (a) CO, ChesDiv ltr 041 69C0972(46) of 31 Dec 1969  
(b) CO, ChesDiv ltr 041 69C0972(39) of 4 Dec 1969  
(c) Supt, USNA ltr 15-103-69 of 29 Jul 1969  
(d) Supt, USNA ltr 15-222-69 of 15 Dec 1969

Encl: (1) Marked up plans (90% submittal)  
(2) Marked up specifications (90% submittal)  
(3) Functional and Operational Comments, New Library  
and Educational Center  
(4) Proposed equipment layout for bookstore

1. Enclosures (1) and (2) are submitted in accordance with reference  
(a). Comments in reply to reference (b) regarding work bar and sink  
locations have been incorporated in enclosure (3). Locations for  
the work bars and sinks are indicated in enclosure (1).

2. Enclosure (3) of reference (c) indicated telephone requirements  
for the Library. It appears that these requirements have not yet been  
incorporated into this project. Locations of additional telephone  
requirements as well as those previously submitted, but not shown,  
have been indicated in enclosure (1).

3. Reference (c) indicated that both the first and second levels  
should have sound outlet provisions for 50 audio carrels. These were  
not indicated on the 90% submittal. Approximate locations have been  
indicated in enclosure (1).

4. Enclosure (1) of reference (c) indicated required ETV outlets  
for the Library. These outlets did not appear on the 90% submittal.  
They have been indicated in enclosure (1).

Originated by LT J. E. Koons, Planning & Engineering Officer,  
PWD, X-2035, 16 January 1970, ib.

Exec Asst To Supt.	
Spec Asst for Plans & Policy	
Flag Sec.	
Flag Lt.	
Acad. Dean	
Exec Asst to Dean	
Asst Dean for Mid'n.	
Asst Dean for Faculty	
Exec Ass't Faculty	
Exec Ass't Midn	
Dir Educat'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Candidate Guidance Off.	
Publications Officer	
Chief of Staff	
P&A Off.	
Comptroller	
Admin Off.	
Sec. Officer	
Off. Pers.	
Legal	
PAO	
Mgt. Svcs.	
Comm. Off.	
Comdt Midn	
Exec Dept.	
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E.H.&G Dept.	
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Chaplain	
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P.W.O.	X
Supply	
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Nav. Sta.	
NPPSBO	
Librarian	
Phys. Ed.	

15-12-70

5. Enclosure (1) of reference (c) indicated desired computer terminals. The terminals which did not appear on the 90% submittal have been indicated in enclosure (1).

6. Sheet 96 of enclosure (1) indicated various penthouse spaces to be painted with epoxy paint. This is not in accordance with reference (d) which set forth the epoxy paint priorities. Penthouse spaces do not require the use of epoxy paint.

7. A layout for bookstore equipment is provided as enclosure (4). Utility services should be provided based on this arrangement. Additionally, women's toilet facilities must be installed in the storeroom area.

R. F. JORTBERG  
By direction

FUNCTIONAL AND OPERATIONAL COMMENTS  
NEW LIBRARY AND EDUCATIONAL CENTER

ARCHITECTURAL

1. Notes are contained on sheets one through four which indicate existing conditions within the construction contract area.
2. It is desired that Instructional Media Center (IMC) be provided with a kitchen unit similar to those provided for other departments. It is suggested that closet area G-3 be utilized in part for this unit.
3. Space G-18, Media Storage - It is requested that the pass-through area be increased from eight feet to at least twelve feet and that a cutout in the service counter for passing equipment, similar to airline counters, be provided. In addition, it is requested that the partition between Media Storage and Self Instruction be omitted and the area be retained totally for Media Storage. This change and the change of the north wall of Space G-16 should be correlated with mechanical and electrical drawings.
4. Utility services for collateral equipment in photocopying room have not been provided.
5. Space G-39 - It is requested that a chalkboard and projection screen be provided on the south wall as noted. In addition, the Filing Spaces, G-40, will be converted to mail slots for faculty members in consonance with collateral listings.
6. Space G-80 - Work bar for sorting slots overhead is required in this area as noted on the drawings. This may interfere with the fire extinguisher location.
7. Space G-87, Documents Office - This space is to have one coin operated, electrostatic copy machine such as Xerox Model 720. Electrical requirements for Model 720 are 110 volts, 60 cycle, 30 amperes, single phase service. The unit must be operated on a 30 ampere clear line.
8. Space G-92, Computer Room - A work bar is to be provided in this space of a size approximating 30"x36"x84" with cabinets below. This equipment has been included on the collateral equipment listing. Locations at south end of room and/or center of room parallel with columns have been suggested. No special services will be required for this unit other than normal electrical outlets in the vicinity of the work bar and/or on columns.

9. A toilet and lavatory in storeroom area G-90 to serve bookstore employees is requested.
10. Space G-128 - This area has been designated as a kitchen unit area for Modern Languages (ML) spaces. Service for this unit has not been included on electrical or mechanical plans.
11. Space G-132, Duplication and Storage - Existing machines to be used in this space (duplicator, Thermofax, typewriter) require normal 120 volt service outlets.
12. Space T-1, Vestibule - Photo-electric counters are to be provided at the inner vestibule doors to the lobby. Suggested types include Model 4741B or A138A as manufactured by Autotron, Inc. The type selected will depend upon mounting and distance between lenses. Both of the above models operate on 115 volt, 60 cycles, A.C. Accordingly, a source of power for these counters will be required at the vestibule entrance.
13. Space T-4, Reproduction - This space is to be provided with an electrostatic copy machine as per item 7. Services will be the same.
14. Space T-13, Processing and Binding - This space is to be provided with two Xerox (rental) copiers, Model 720. These machines have the same electrical requirements as indicated under item 7. Provision for these services should be made available on the south wall. A lamination machine will also be located in this area. Normal 120 volt outlet spacing will suffice for service. The work bar and sink are collateral equipment.
15. Space T-16, Circulation - This area is to be provided with a specially designed circulation counter per collateral equipment listing. Its design and final configuration are pending. It is suggested that provisions to obtain normal electrical and telephone services be made readily available to the counter area.
16. Space T-17 - Provide hot and cold water service to the sink. Work bar with acid resistant sink is included in the collateral listing.
17. Space T-18, Photocopy - Equipment allocation for this area includes microfilm cameras. Normal 120 volt service outlets spaced in this area should suffice.
18. Space T-27, Reproduction - Provide services as indicated under item 17.
19. Space 212, File Room - Sufficient normal outlet spacing for 120 volt service for one copy machine and one multilith machine should be provided.

20. Space 219, Special Collections Work Room - Provide services for one Xerox machine, Model 720 on south wall per item 7.
21. Space 227, Archives Shelving - Access doors to these spaces from 219 and 223 and access doors from 227 to 228 should be provided with hardware of a type which will provide maximum security. A combination or electric-type lock is suggested for these four doors. Exit door from 228 to Space 242 should have panic-type hardware only.
22. Space 246, Reproduction - Same services are required as under Item 13.

#### MECHANICAL

1. There is a drainage system specified under 15A.3.2.7 for the crawl space. This is not shown on the mechanical drawings. This may be shown on Sheet No. 144 which is not included with the 90% drawings.
2. Sheet 145 - Services have not been shown for the photographic and other areas of the IMC.
3. Sheet 146 - Bookstore area requires installation of a women's toilet.
4. Services have been omitted for the kitchen unit in the staff lounge, and for the unit in Space G-128.
5. Sheet 161 - The length of fin tube radiation provided under window areas should be distributed under the total width of the windows.
6. Sheet 161 - It is desirable to have the capability of controlling the air supply to the recording room for noise control purposes during recording sessions.
7. Sheet 176 - The dust collecting system shown for the model ship does not allow flexibility in repositioning machinery. Only two employees will be working in the area and it has been suggested that a vacuum system with floor and wall outlets suitable for connection of flexible hoses to reach all areas be provided. This was originally discussed with the architect and it is understood that the system to be provided will be a good commercial vacuum system similar to residential types. Review on this basis is requested.
8. Spaces 223 and 227 - All plumbing, currently in the ceiling above the Special Collections and Archives stack and work areas, should be rerouted. Water pipes, storm drains, etc. should not be installed in either the ceiling or walls of this area due to the nature of the material stored in this area.

9. Electric Water Coolers

a. Ground Level

An additional water cooler should be installed in the public area of the ground level, and the water cooler in the smoking room should be eliminated.

b. Terrace Level

Two additional water coolers are required in the public area of the terrace level. Two water coolers are also required in the Technical Processing area.

10. Fire Protection System Schedule

In addition to those areas so indicated, the following areas must contain pre-action with rate of rise detectors and smoke detection devices.

a. Ground Level

Book Store	G-91
Book Truck Closet	G-84A
Documents Shelving and general seating	G-84
Documents Office	G-87
Security reading	G-86
Micro-reading	G-139, 140, 141
Vault	G-88
Micro-reading	G-142, 143, 149, 150

b. Terrace Level

Serials and Acquisitions Departments	T-6
Head of Serials	T-7
Head of Acquisitions	T-8
Expansion	T-9
Head of Cataloging	T-22
Processing and Binding	T-13
Dark Room	T-17
Photo-copy	T-18
Catalog Department	T-23
Head of Technical Services	T-25
Secretary	T-24

ELECTRICAL

1. Sheet 180, Space G-16 - Lights are to be controlled from a lectern mounted over junction boxes shown on Sheet 181. This sheet and Sheet 181 should be modified to reflect changes in Spaces T-16 and T-17, as previously noted.

2. Sheet 181 -

- a. Provide power outlets for electric typewriters in Space G-12.
- b. Provide outlets in corridors.
- c. Provide services for photographic area of IMC.
- d. Provide telephone outlets in Modern Languages locations as previously submitted.

3. Sheet 183 -

- a. Electrical requirements for bookstore should be reviewed.
- b. Provide outlets in corridors and various rooms as noted.
- c. Note that classrooms of MLD require telephone outlets.
- d. Provide electrical service for kitchen unit in Space G-128.
- e. In previous discussions regarding the high fidelity sound system desired in the classrooms, it was indicated that no individual paging system would be required. It is noted that a paging system has been installed. It is assumed that additional speakers will be provided under the high fidelity system in each classroom area as previously discussed when the system is designed and installed as a collateral equipment item. Sufficient conduit should be provided in classrooms such that movie projectors, tape recorders, etc. can be connected at the jack box at the rear of the room and be fed into the high fidelity sound system within each room.

4. Sheets 185 and 186 - Technical Processing Areas (T-6, T-9, T-23, T-24) and the Reference Office (T-30, T-31) should have an electrical outlet grid system in the floor.

5. Space G-121, Staff Lounge - The staff lounge, located on the ground floor, contains no power outlets on the walls. Several double outlets should be included on each of the four walls.

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PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15-363-71

27 DEC 1971

11101/9

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390

Subj: Library-ESC Site Improvements Design

Ref: (a) Meeting at USNA among representatives of Warnecke/Ewing,  
ChesDiv and USNA of 5 Aug 1971  
(b) Warnecke/Ewing ltr to ChesDiv (Code 04) of 9 Aug 1971

1. It was agreed during reference (a) and recorded by reference (b) that the cinder block wall located within the Norair fenced area for Phase I would be demolished in Phase II and rebuilt as a concrete wall. The exact size and location of this wall was to be provided by the Naval Academy.

2. In order to effect timely completion and submission of the Phase II design documents it is desired that the replacement concrete wall not be provided for under the subject design. The requirement for said wall still exists, however, and definitive siting and design requirements will be provided as soon as possible so that this requirement can be satisfied either by change order to the Phase II contract or by a separate construction contract.

PAUL D. OLSON

By direction

Copy to:  
Deputy Director of Athletics  
Chmn, MPC  
C-100  
C-101  
1031

Originated by LTJG S. C. Downs, Assistant Planning Officer, PWD,  
X-2035, 21 December 1971, ib.

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PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15-292-71

8 OCT 1971

11/01/9

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390

Subj: Library and Engineering Studies Complex Site Improvements

Ref: (a) Meeting at ChesDiv among Warnecke-Ewing, ChesDiv and  
USNA personnel on 28 Sep 1971

Encl: (1) Partial drawing of Library-ESC Site Improvements  
area

1. Reference (a) was held to present conceptual plans for the subject project. It was requested that comments be forwarded to ChesDiv with respect to two drawings made available at reference (a).

2. In general, the concept submission is considered to be very good. It is agreed that Maryland Avenue should terminate at the reference west face of Maury Hall vice the reference east face. The scope of work for the subject contract should be amended to provide landscape design for the vacated portion of Maryland Avenue (Area A, enclosure (1)).

3. It would appear advisable to carry the sidewalk treatment along the reference north face of the Library to a more logical termination point. Recommend treatment extend around corner to service drive (Point B, enclosure (1)) or at least to the corner (Point B.1, enclosure (1)).

4. Primary concern expressed by the Naval Academy at reference (a) was with respect to the intersection configuration near substation 13C (Area C, enclosure (1)). The A/E indicated that to modify the turn from McNair Road to Sands Road would require structural changes to the substation. Initial investigation indicates that only a portion of a concrete pad would have to be removed to allow moving the curb line back toward the Library. Such movement could avoid two problems as follows:

- a. Movement of field lighting structure. Concept configuration apparently necessitates the movement or removal of one field lighting structure (See D, enclosure (1)). Structure

Originated by LT J. E. Koons, Planning Officer, PWD, X-2035,  
5 October 1971, ib.

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Ⓔ on enclosure (1) is a street light vice a field light as the drawing seems to indicate. It may be that the A/E intends to move the affected field lighting structure to this location.

- b. Potential dangerous interface between traffic exiting the lot, (Ⓕ, enclosure (1)) and vehicles turning onto Sands Road from McNair Road (Ⓖ, enclosure (1)). While landscaping would screen the substation, it could greatly interfere with parking lot egress (Ⓕ, enclosure (1)).

5. It is requested that the design of this intersection be reconsidered in light of 4a and 4b. If it is ascertained that the substation platform cannot be shortened, then it is requested that design along the lines of concept submittal be closely reviewed to assure satisfactory solutions to the aforementioned potential problems.

PAUL D. OLSON  
By direction

Copy to:  
Warnecke-Ewing (Mr. Paul Brott)  
CHESDIV (Mr. Earl Reagan)

MAILED

SEP 1 16 00 '71

PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15-237-71

1 SEP 1971

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390

Subj: Library Interiors - "Annapolis Room"

Ref: (a) Warnecke-Ewing ltr to ChesDiv (Attn: Mr. J. L. White)  
of 10 Aug 1971  
(b) Meeting between Mr. Ken Murray, ChesDiv and LT J. E. Koons,  
USNA on 24 Aug 1971

1. The A/E, in reference (a), requested clarification on the intended program usage of the Annapolis Room within the new Library. Mr. Murray requested, in reference (b), that such clarification be provided ChesDiv.
2. The Annapolis Room will serve primarily as a reading room for scholarly research by Midshipmen, faculty and other scholars who are interested in the field of Naval history and seapower as well as the resources of the Naval Academy archives. The material contained in these collections is rare, unique manuscript, which must be handled with a high degree of care. Therefore, the furnishings of this room will consist of one-man reading tables with chairs and a significant number of horizontal and vertical display cases for display of unique material. In addition, the room will probably contain a permanent exhibit in honor of Fleet Admiral Nimitz. An attractive executive desk should be provided within the room for a reference librarian. One microfilm reading machine will be located on a small, handsome table.
3. A secondary function of the room will be to serve as a reception area for the Board of Visitors and other distinguished guests. The individual tables and chairs provided for reading should be of such appropriate character that they may also be utilized for a reception.

PAUL D. OLSON  
By direction

Copy to:  
Mr. Paul Brott, Warnecke-Ewing  
Mr. Ken Murray, CHESDIV  
Professor Evans, Librarian

Originated by LT J. E. Koons, Planning Officer, PWD, X-2035,  
26 August 1971, ib.

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D. C. P.	
Nav. Sta.	
* Librarian	

15-58-71

5 MAR 1971

From: Superintendent, U. S. Naval Academy  
 To: Commanding Officer, Chesapeake Division, Naval Facilities  
 Engineering Command, Washington Navy Yard,  
 Washington, D. C. 20390

Subj: Nimitz Library Photo Lab

Ref: (a) Foncon between Mr. R. A. Hackley, ChesDiv and  
 LT J. E. Koons, USNA of 12 Feb 1971

Encl: (1) Lab requirement and deficiency statement

1. Enclosure (1) is a statement of photography laboratory equipment and deficiency as requested in reference (a).

2. It is requested that ChesDiv ascertain at an early date the expected quality/age/condition of equipment which the Naval Photographic Center might provide.

PAUL D. OLSON  
 By direction

Copy to:  
 CHESDIV Code 09A13

Blind copy to:  
 PAO  
 Photo Lab (Mr. Jack Moore)  
 103

Originated by LT J. E. Koons, CEC, USN, Planning Officer, PWD,  
 X-2035, 2 March 1971, ib.

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## LAB REQUIREMENT AND DEFICIENCY STATEMENT

### Lab Requirement:

The Naval Academy Photo Lab, which is supervised by the Public Affairs Officer, has many other requirements beyond news photography. In addition to supporting every academic department and division at the Naval Academy, the Photo Lab also provides complete photographic support for the Naval Station. This support includes black and white portrait photography, identification cards for all Academy and naval personnel, passport photographs, officer photographs for the Bureau of Naval Personnel, portraits for various officer candidate programs, construction progress reports, legal photography for accident reports, copies of line charts and graphs, negatives and prints for study prints and overhead slide projection, and creative photography for catalogue and various recruiting brochures, etc.

News photography includes black and white and color shots for news releases, feature stories, civilian and military awards, distinguished visitors and speakers, retirement, promotions, coverage of conferences.

The requirement for photographic services, especially in the public affairs area, is expected to increase in 1971 by at least one-third over previous years due to increased public affairs programs and expanded efforts in recruiting.

### Existing Lab Deficiencies:

The great majority of the photographic workload is centered in the Academy Yard. At the present time, a photographer is forced to lose anywhere between 30 minutes to an hour traveling back and forth between the Academy Yard and Halligan Hall on photographic assignments. The mass photographing of midshipmen (identification cards for plebes, graduation pictures for hometown release, etc.) presently requires the Photo Lab to transport large quantities of heavy photographic equipment to Bancroft Hall. The central location of Nimitz Library will make the Photo Lab much more accessible to the midshipmen and also to the many faculty and professional staff members with photographic requirements.

UNITED STATES NAVAL ACADEMY

Annapolis, Maryland—21402

IN REPLY REFER TO:  
PW-135-71-EBM-1b

1 MAR 1971

MEMORANDUM TO FILE

Subj: Library and Educational Center, U. S. Naval Academy

1. A meeting was held at 0900, 19 February 1971 in the Public Works Conference Room. The following persons attended:

Representing the A&E

Mr. M. Paul Brott  
Mr. Peter D. Sayer

Representing CHESDIV

Mr. R. A. Hackley  
Mr. Ray Putnam  
Mr. Ken Murray

Representing USNA

Prof R. A. Evans  
Prof J. C. Thompson  
Prof W. M. Darden  
Prof H. R. Skallerup  
Mr. E. B. Miles  
Miss Ella Marshall

2. The purpose of the meeting was to discuss the interior design package of the Library and Educational Center. The following are results of the meeting.

a. Professor Evans stated that the Naval Academy had requested ChesDiv to provide a library furniture consultant and indicated that a Mr. Pierce is available to work with the A&E on selection of library furniture. Professor Evans felt a combination of the A&E's and consultant's expertise would be necessary in selecting quality furniture for public areas used by midshipmen. After some discussion it was agreed that if ChesDiv decides a library furniture consultant is necessary, they will write a change order to the scope. The A&E indicated he would be most pleased to contact the consultant if it is in the scope.

b. Considerable discussion was held regarding selection of furniture. The A&E indicated he would like to have the opportunity to select from a number of manufacturers and asked what approach he should take. The A&E was directed to make the selection initially from GSA schedule. In event the schedule item is not appropriate, considering

function, aesthetics, quality and cost, the A&E will be responsible for preparing specification or justification for such item. The A&E stated that although he would proceed on this basis, his recommendation was that he be given freedom to select furnishings most suitable for this structure regardless of source.

c. Mr. Hackley indicated that ChesDiv needs collateral equipment list to forward to NAVFAC as soon as possible for budget purposes. The revised list submitted by USNA dated 19 January 1971 is appropriate for preparing sheets for NAVFAC. ChesDiv will provide USNA with instructions for submitting collateral list for funding.

d. Professor Evans agreed to furnish a list of furnishings by room number. Such list will probably be available by 5 March.

e. A&E raised question on communications and whether certain items of equipment should be on list. Professor Thompson agreed to select equipment for Educational Resources Center, Librarian, and Annapolis Room.

f. Photo Lab - Mr. Hackley indicated the Navy Photographic Center will provide photo lab equipment for the Library. Equipment list should be prepared for this purpose. USNA will prepare. A&E indicated only items on collateral list for photo lab for which he is responsible appear on the last page of photo lab equipment list.

g. English and History - A&E saw nothing on list that would be outside of their area. Only technical areas would be map areas. A&E will put these on their shopping list with E&H approval.

h. Educational Resources Center - The following areas of responsibility were agreed upon:

<u>Area</u>	<u>Responsibility</u>
G-1	A&E's area with exception of TV receiver and stand.
G-2	A&E's area except same two items.
G-3, -4	A&E
G-5	A&E's area except TV receiver and stand.
G-7, -9, -10	A&E
G-11, -12, -13	A&E's area except monitor and stand.
G-14	A&E
G-15	A&E except TV, stand and control panel.

<u>Area</u>	<u>Responsibility</u>
G-16	ERC will be responsible for first item; A&E responsible for counter with sink.
G-17	A&E's responsibility except cart, flat bed truck, ladder, electric tape dispenser.
G-18	A&E
G-19	ERC
G-21	A&E responsible for first four items; ERC has remainder.
G-22	A&E responsible except for second item which will be ERC.
G-23	ERC responsible for last four items; A&E, remainder.
G-24	A&E will select desks, chairs and last nine items. Mr. Hackley suggested that NAVELEX might provide oscilloscopes.
G-25	ERC will select lighting control panels/platform and podium. A&E will be responsible for last two items.
Studio Storage -	Will use existing equipment
G-27, -28	ERC
G-29	A&E will select last two items
Miscellaneous	A&E

TV equipment on last page is A&E responsibility.

i. Bookstore - A&E responsibility

j. Storage of collateral equipment from receipt until installation was of major concern. ChesDiv and USNA representatives agreed to research storage areas and possibility of deferred or incremental delivery.

  
E. B. MILES

14-246-72

26 APR 1972

111019

From: Superintendent, U. S. Naval Academy  
 To: Commissioner, Federal Supply Service, General Services Administration  
 Washington, D. C. 20548

Subj: Naval Academy Library Furnishings; purchase of

Ref: (a) Meeting between GSA Household Furnishing Section and  
 representatives of Supply and Fiscal Department, USNA  
 on 16 Apr 1972  
 (b) USNA MIPR N00161-2-0004 through 0009

1. In view of discussions during reference (a), it is appropriate to stress the importance of timely accomplishment of purchases being made by GSA in support of the Naval Academy Library.

2. At this time, a ten million dollar library is being constructed for the Naval Academy. All plans for utilization of this facility are based upon an official opening of 3 January 1973. This date was selected since it will permit transfer of some 400,000 volumes and associated catalogs from the old to the new library during the Christmas academic break and at the same time afford minimum interference with library services to the Brigade of Midshipmen. No other date during the academic year affords these advantages. Since the new building will be ready for occupancy at that time, any delays would be costly and certainly not in the best interests of the government.

3. To meet the above schedule, award of reference (b) must be made in time to provide for delivery in the October - November 1972 time frame. From discussions during reference (a) it is understood that a bid opening no later than 21 June 1972 is required to meet the above delivery schedule. A bid opening by this date will further assist in programming of funds provided for this procurement.

4. Based on the above, it is requested that GSA take whatever action is necessary to meet the above stated requirements.

M. S. HUTCHISON  
 By direction

Prepared by:

T. Parker, LT, SC, USN, Code 300, S&FD, Ext. 3489, 4/26/72, jhp

Revised by:

M. S. Hutchison, CAPT, SC, USN, S&FO

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Nav. Sta.
Librarian

2 MAY 1972

Prepared by LT Parker, Code 300, S&FD, 2 May 1972 ddk

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Nav. Sta.	
Librarian	001
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14-298-72

30 MAY 1972

From: Superintendent, U. S. Naval Academy  
 To: Commissioner, Federal Supply Service, General Services  
 Administration, Washington, D. C. 20405

Subj: Waiver Request for Library Carpet

Ref: (a) Supt, USNA ltr 14-258-72 of 2 May 1972  
 (b) GSA ltr FMSF of 12 May 1972

1. The following justification is provided in addition to that contained in reference (a) and in compliance with reference (b).

a. The price for the .370 pile height carpet is \$16.60 per linear yard delivered on site.

b. This price does not include carpet cushion or installation. Standard GSA Class I, firm, rubber carpet cushion will be used for installation.

c. The surface texture of the carpet desired is Gross Point Weave (needlepoint loop).

d. The above costs and data were provided by the supplier, Saxony Carpet Company, Inc., 979 Third Avenue, New York, New York (telephone Plaza 5-7100).

e. The quantity required as indicated in reference (a) is incorrect. The correct quantity is 550 linear yards of strip carpet vice 350 linear yards.

2. With respect to the use of standard carpet, prior consideration was given when the request was made to GSA for procurement of standard carpet for all other areas in the Library. At that time, it was discussed and the decision made that the standard carpet did not meet the particular requirements with respect to color, texture and design that would be in keeping with the decor of the Annapolis Room. The room has been specially designed in a teak decor with matching companion furnishings to emphasize the importance and value of the rare book collections available to students, faculty and scholars for extended research. The Special Collections Division of the Library retains and controls irreplaceable rare book collections and original manuscripts for use in this room. The interior design has been selected so as to contribute

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Comm. Off.	
Deputy Mgmt.	
Resources for Mgmt. (Comptr)	
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Librarian	

to an appropriate atmosphere for the type of research to be conducted in this room. In addition, the room will be utilized by the Superintendent and visiting dignitaries for conferences, formal assemblies and presentations. A special area has also been designated within the room for an appropriate tribute to Fleet Admiral Nimitz, to whom the new Library will be dedicated.

3. In consonance with the foregoing, the proposed Cross Point Weave carpet was selected for its texture and pattern which is not available in GSA standard carpet. The pattern, a three color design containing an ice blue background with dark blue lines forming squares, accentuated with chartreuse diamonds at intersection points of squares, was selected to enhance the symmetrical design of the room and complement the Jack Larsen "Halls of Rome," oriental raw silk draperies to be installed. Upon completion it is felt the Annapolis Room will provide a most pleasing atmosphere conducive to the serious research intended for the area by midshipmen, faculty and scholars.

4. It is strongly recommended that this waiver from using the mandatory GSA schedule be granted as justified in reference (a) and above.

M. S. HUTCHISON  
By direction

COMMENTS ON NIMITZ LIBRARY  
COLLATERAL EQUIPMENT SUBMITTALS

Shopping List Items

1. Items 113 and 114 - Stools - Waiver information not provided as indicated on item sheet. A&E should provide on schedule alternate or information for waiver justification and open bid procurement.
2. Item 132 - Map Cases - Item recommended not available from stock stores catalogue. An alternate recommendation is requested.
3. Item 201 - Folding Coat Rack - Non-scheduled item. Alternate scheduled item or information to permit open bid procurement requested.
4. In 207 - Coin operated lockers - same comment as item 3.
5. Items 203 thru 215 - Kewaunee Technical Furniture - Items recommended by A&E are not on GSA schedule. Information should have been provided for waiver justification and open bid procurement. Naval Academy is attempting to develop information to permit procurement by Supply Department due to time urgency.
6. Item 232 - Locker Unit - Not on schedule as indicated in shopping list. Alternate on schedule item should be recommended or information for open bid procurement provided.
7. Items 233-239 - Non-scheduled G.F.P. cabinet components. No waiver justification or open bid procurement information provided. Naval Academy attempting to find an alternate due to time urgency.

Bookstore - Specifications and cost estimate required for bookstore furniture procurement.

Coat Hooks and Chalkboard change order - cost estimate required.

Graphics - 100% submittal required. Part of the graphics package is intended to be a change order to the construction contract, therefore, time is becoming an important consideration.

Annapolis Room Shelving - Status of progress is requested. It is intended that this be a USNA procured item, therefore, information should be developed to allow for open bid procurement.

Annapolis Room Kitchen - Exhaust hood details over range required.

Draperies

1. The Naval Academy has not received drawings 3001956-69 (Terrace and First Floor) for review.
2. Stricter specification required in Section 3.2 for strength of threads.
3. Specifications 1.5 thru 1.8, 1.10 and 1.11 not required. Naval Academy standard specs will cover these items.
4. Construction contractor has only been instructed to provide continuous wood blocking for rooms specified in Section 4.2.1 in lieu of recessing. Specifications should be modified that hardware be surface mounted.
5. Room G-163 has been changed to a department chairman's office, from a two-man office. Draperies should be provided similar to the other chairman offices.
6. Why is a room width recessed drapery track specified in spec sheet 2.14 for the Annapolis Room? Wouldn't a surface mounted track directly in front of each pilaster be suitable?

Annapolis Room Carpeting - Carpeting samples required for GSA procurement.

2. FROM

Superintendent, U. S. Naval Academy, Annapolis, Maryland 21402

3. TO

Commanding Officer, Northern Division (Code 10), Naval Facilities  
Engineering Command, Philadelphia, Pennsylvania 19112

4. REFERENCES

5. SSDB OR SPECIAL PROJECT NO.

6. ENCLOSURES (Check)

☐

NAVCOMPT 140

☐

NAVCOMPT 2038

☐

NAVCOMPT 372

☐

OTHER (Explain)

7. TYPE OF SERVICES REQUEST

Investigation of the most feasible method to accomplish fumigation of New Library

8. DETAIL OF WORK

The U. S. Naval Academy has a new library facility under construction with BOD of January 1973. In addition to the library, the facility will house the Division of U. S. and International Studies; Educational Resources Center; and Photographic Laboratory. Furnishings for the building are presently under procurement.

The Librarian has requested that the 400,000 volumes of books to be moved into the library be fumigated. Three methods have been under investigation: (1) Fumigation of books in present locations; (2) Fumigation in transit trailers; (3) Fumigation in new facilities.

Pursuant to preliminary discussions with Mr. Wise from NORTHDIV it is requested that your office investigate and advise the Academy as to the most feasible method to accomplish the fumigation. In addition, it is requested that upon completion of the investigation, assistance be given in preparation of necessary bid documents and monitoring of the contractor's operations. Building plans and copy of the preliminary investigations conducted have been furnished to Mr. Wise.

9. FOR INFORMATION CONSULT (Name, title and phone)

Lieutenant J. P. Franz, 301 267-3265

10. OFFICIAL REPRESENTATIVE (Signature and date)

E. J. McPARTLAND

By direction

25 AUG 1972

RESERVED DPWO ENTRIES ONLY

11. DATE RECEIVED IN DPWO

12. SERVICES TO BE PERFORMED BY DPWO (Check)

☐

DESIGN

☐

OTHER (Explain)

14a. SCOPE OF CONTRACTS

13. DPWO PROJECT NO.

Comdt. Mdn.

Deputy Comdt.

14b. NO. OR OTHER NO.

Div. Nav.

Com. & Mgmt.

Div. Engr.

& Weap.

Div. Math

& Science

Div. of U.S. &

Int'l Studies

Div. of

Eng. & History

Phys. Ed.

Chaplain

Dir. Museum

P. W. O.

Supply

D. C. P.

Nav. Sta.

Librarian

DPWO INTERIM ENDORSEMENT

16a. ESTIMATED COMP. DATE

16b. AUTHORIZED REPRESENTATIVE (Signature and date)

DPWO FINAL ENDORSEMENT TO ORIGINATOR

17a. ENCLOSURES FWD'D

☐

DWGS. & MAPS

☐

SPECS.

☐

REPORT

☐

OTHER:

17b. EST. COST (If applicable)

17c. AUTHORIZED REPRESENTATIVE (Signature and date)

M

Prepared by: Capt Mitchell, SC, USN/Lt Parker, SC, USN  
Supply & Fiscal Dept, 4 October 1972 x3498

From: Superintendent, U. S. Naval Academy  
To: Commissioner, Federal Supply Services, General Services Administration, Washington, D. C. 20465

Subj: U. S. Naval Academy Admiral Nimitz Library; collateral equipment for

1. A complete review of available dates for scheduling delivery of collateral equipment into the Admiral Nimitz Library was made during a General Services Administration (GSA) meeting with Naval Academy Library representatives on 21 September 1972. At that time the Naval Academy confirmed the dates of 29 September, 6, 12 and 20 October 1972 for the delivery and installation of carpet for the first, second, terrace and ground levels respectively. Based on contacts with the GSA contractor for carpeting, Shield's Association of Beltsville, Maryland, it is now understood that carpeting for these floors will arrive on 23 and 30 October, 6 and 11 November respectively with complete installation of the carpet to be no later than 18 November 1972.

2. Assuming the above schedules will be met, deliveries of other furnishings and equipment procured by GSA should be rescheduled to commence no earlier than 15 November with complete installation to be no later than 22 December 1972.

3. Locally procured furnishings will be arriving concurrently with the installation of the GSA procured furniture noted above. Coordination will be required to allow smooth receipt and delivery of incoming supplies at the Library. Therefore, it is requested that GSA keep the Naval Academy advised of anticipated delivery dates of all GSA procured items.

4. The physical move of the present library and associated activities is scheduled during January 1973. This move and academic use of the Library are dependent upon delivery of GSA contracted furnishings on or before 22 December. Late deliveries could cause this new, multi-million dollar educational investment to sit idle until the summer of 1973 because the Library can only be moved when classes are not in session. Recognizing the obvious importance of timely delivery, it is requested that GSA ensure delivery by the dates requested.

W. F. MITCHELL  
By direction

Blind copy to: PublicWorksOfficer

14-482-72

5 OCT 1972

11101/9

Exec. Asst. To Supt.	
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Dir. Candidates Guidance	
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Off. Pers.	
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Div. Math & Science	
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Dir. of Athletics	
Chaplain	
Dir. Museum	
P. W. O.	
Supply & Fiscal	
D. C. P.	
Nav. Sta.	
Librarian	
Archivist	

**From:** Superintendent, U. S. Naval Academy  
**To:** Commissioner, Federal Supply Services, General Services Administration, Washington, D. C. 20405

**Subj:** Metal Bookshelving for U. S. Naval Academy Admiral Nimitz Library

**Ref:** (a) Naval Academy MIPR N00161-2-0012 of 4 Apr 1972  
 (b) GSA Solicitation FTNFM-J245709-N-7-25-72

**Encl:** (1) Estey Corporation drawing 25382, sheets 1-8, dated 9 Oct 1972  
 (2) Wood samples for end-panel finishes (2)  
 (3) Adobe Tan color samples

1. In response to reference (a), reference (b) was awarded to the Estey Corporation on 7 August 1972. Based on receipt of this award Estey Corporation has forwarded enclosures (1) and (2) for review and approval by the Naval Academy in conjunction with the Contracting Officer.

2. Enclosure (1) is approved by the Naval Academy for shelving arrangements as noted thereon.

3. Enclosures (2) and (3) are considered reasonable matches of the finishes desired and are forwarded for General Services Administration approval. Estey Corporation has been advised that no action should be taken until final approval is received from the Contracting Officer.

4. It is requested that the General Services Administration keep the Naval Academy advised as to changes in quantities and resultant costs based on shelving modifications.

W. F. MITCHELL  
 By direction

Prepared by:  
 Lt Parker, SC, USN  
 Code 300, Supply & Fiscal Dept  
 19 Oct 1972, bgs  
 x3498

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Dir. Computer Serv.	
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Dean of Admissions	
Admissions	
Registrar	
Dir. Candidate Guidance	
Deputy for Operations	
P&A Off.	
Admin. Off.	
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Off. Pers.	
Judge Advocate	
PAO/VSO	
Comm. Off.	
Deputy Mgmt.	
Comptroller	
Comdt. Midn.	
Deputy Comdt.	
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Div. Math & Science	
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Dir. of Athletics	
Chaplain	SIGN
Dir. Museum	000
P. W. O.	
Supply & Fiscal	001
D. C. P.	
Nav. Sta.	101
Librarian	
Archivist	

21 NOV 1972

2c-32-72

11/01/72

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Sacramento Army Depot, Sacramento, California (Contracting Division)

Subj: RF head-end system

1. Subject contract provides a RF head-end system for the Nimitz Library and had a completion date of 15 October 1972.
2. Occupancy of the Nimitz Library by the U. S. Naval Academy is not scheduled until early December 1972. Therefore, it is requested that the delivery date of subject equipment be delayed until about 4 December 1972 for the convenience of the Government.

W. H. SANDEFORD  
By direction

Prepared by Prof. J. C. Thompson, Dir. of Educational Resources, ext. 2788, typed by shs 11/20/72

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Asst. Dean Edu'l Resources	
Dean of Admissions	
Admissions	
Registrar	
Dir. Recruit & Candidate Guidance	
Deputy for Operations	
P&A Off.	
Admin. Off.	
Sec. Officer	
Off. Pers.	
Judge Advocate	
PAO/VSO	
Comm. Off.	
Deputy Mgmt.	
Resources for Mgmt. (Comptr)	
Comdt. Midn.	
Deputy Comdt.	
Div. Nav. Com. & Mgmt.	
Div. Engr. & Weap.	
Div. Math & Science	
Div. of U. S. & Int'l Studies	
Div. of Eng. & History	
Phys. Ed.	
Chaplain	
Dir. Museum	
P. W. O.	
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Nav. Sta.	
Librarian	
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## THE NIMITZ LIBRARY - FACT SHEET

Building: 229,000 gross square feet  
154,000 net square feet

Occupied by Library: 120,000 net square feet

Other occupants:

Division of USIS	- 24,000 net square feet
Educational Resources Center	- 12,000 net square feet
Photographic Laboratory	- 2,000 net square feet

A & E: John Carl Warnecke, Architect  
George M. Ewing Co., Engineering

Consultants:

Building Program:	Dr. Ellsworth Mason
Furniture:	William S. Pierce
Interiors:	Eleanor LeMaire Associates, Inc.

Costs:

Building, landscaping, etc.	- 8.5 million
Collateral equipment	- 1.4 million (Library and other occupants)

Volume Capacity: 600,000 volumes

Seating Capacity: 1,450

Furniture:

Office areas: Prison Industries  
Rishel Furniture Co.  
Davis Furniture Industries, Inc.  
General Fireproofing

Public areas:

Metal shelving:	Estey
Wood shelving:	Logistics International, Inc.
Study tables:	Logistics International, Inc.
Study carrels:	Logistics International, Inc.
Study chairs:	Gunlocke
Lounge chairs and sofas:	Chairmaster

## THE NIMITZ LIBRARY - FACT SHEET (cont'd.)

Occasional tables: Gunlocke  
Card catalogs: Weinberg  
Display cases: Weinberg  
Audio/video carrels: Weinberg  
Case work: Logistics International, Inc.  
(CBI tables, abstract bars, catalog reference tables, etc.)  
Special Collections Reading Room  
(Tables, chairs, and lounge furniture by Knoll)

### Special Features:

Computer terminal rooms (20 for student and faculty use)  
Video carrels (10 initially; potential to 60)  
Audio carrels (Pre-programed music, 5-channel selection, operated  
with stereo headsets - 220 initially; potential to 600)  
Group study rooms - (9 accommodating 6 - 8)  
- (3 accommodating 12 - 14)  
Seminar rooms (2 accommodating 16 - 18)  
Faculty studies: 33

### Arrangement of Collection

#### Ground Level

(green carpet) - Government Documents and Technical Reports  
Map Room

#### Terrace Level

(brown carpet) - Reference  
Bibliography  
Browsing Room  
Current Periodicals (unbound) and Newspapers  
Reserve Books

#### First Level

(rust carpet) - Book Collection A - K  
Bound Periodical Collection

#### Second Level

(blue carpet) - Book Collection L - Z and Oversize  
Special Collections  
Archives

26 NOV 1973

Dear Walt,

You are probably well aware by this time of the near emergency condition we have due to settlement of the landfill under Nimitz Library and adjacent to Rickover Hall which is under construction.

I am concerned that an expedient solution developed in the heat of budget battles may not be in the best long term interest of the Naval Academy. Specifically, whatever the engineering solution is, it must include adequate provision for traffic flow, parking for Nimitz Library and Rickover Hall faculty and visitors and an appearance that is aesthetically compatible with the Naval Academy environment.

I would appreciate any assistance you might render in this matter and would also provide any additional information you might need.

With warm regards,

W. P. MACK  
Vice Admiral, U. S. Navy  
Superintendent

Vice Admiral W. D. Gaddis  
Deputy Chief of Naval Operations (Logistics)  
Navy Department  
Washington, D. C. 20350

Originated by CAPT H. H. HAYNES, PWO, PWD, Ext 2888,  
11/21/73, eb

11-11-73 NO 31403  
TO: MR. VANDER  
FROM: MR. GADDIS

NOV 28 10 10 AM '73

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Chaplain	
Dir. Museum	
P. W. O.	11/21
Supply & Fiscal	
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Nav. Sta.	
Librarian	
Archivist	

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JAN 15 15 35 '74

15-2-74

PUBLIC WORKS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15 JAN 1974

From: Superintendent  
To: Commanding Officer, Chesapeake Division, Naval  
Facilities Engineering Command, Washington Navy  
Yard, Washington, D. C. 20350

Subj: Nimitz Library fumigation chamber

1. A fumigation chamber which had been in Preble Hall was installed in the Nimitz Library under the basic construction contract in accordance with guidance received from the A&E NAVFAC drawings numbered 1342260, 1342261, 1342263, 1342265, 1342267 and 1342269 depict the connection of the fumigation chamber to the ventilation system. Mr. George Wise, the Entomologist at Northern Division, Naval Facilities Engineering Command, expressed concern regarding the ventilation system. Further inquiries regarding the installation have revealed that the Navy Environmental and Protective Medicine Unit Number 2, Norfolk, Virginia, 23511 also harbors concern. In addition to possible danger from gasses, there is concern that the installation may be susceptible to explosion. This latter concern stems from the fact that a similar installation at Naval Hospital, Bethesda evidently suffered an explosion recently.

2. In view of the above, it is requested that the installation be reexamined to insure that no danger exists. Action on this item is requested as soon as possible since there is a requirement to fumigate arriving materials.

H. H. HAYNES  
By direction

Originated by E. J. McPARTLAND, APWO, PWD, Ext 2888,  
1/14/74, eb

Exec. Asst. To Supt.	
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Dir. of Athletics	
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*H*  
PW-7-74-RPN-eb

18 JAN 1974  
*11/10/9*

MEMORANDUM FOR THE SUPERINTENDENT

Subj: Correction of Subsidence in Vicinity of Nimitz  
Library and Rickover Hall

Ref: (a) PWD Memo PW-974-73-EJM-eb of 21 Nov 1973


1. Nimitz Library is not sliding into Dorsey Creek, but I do need an additional 150' of Dewey Field to move contractor's material from the shell-filled area.
2. Since submission of reference (a), outlining the status of action underway to evaluate and correct the subject problem, continuing study of the data being gathered from measuring devices placed on or adjacent to the Library has produced inconsistent results and NAVFAC technical experts are getting goosey.
3. There has been no widening of the cracks which appeared on several pile caps on the east side of the Library. In fact, the cracks have closed slightly. Other measuring devices show the soil continues to move, slowly, toward Dorsey Creek. It is this apparent inconsistency which most concerns the NAVFAC soils consultant and prompts him to recommend early action to lighten the load on the lens of poor material.
4. After considerable analysis, taking into account both the technical and monetary aspects of alternatives under consideration, the following plan has developed:
  - a. Move all stored material from the triangular storage area east of the Library, except that which can be placed within 80' of the north side of the ESC building (the boundary line of the old seawall), to an alternate site. Permit no parking or any other semi-permanent loading in that area.
  - b. Remove up to 2 feet of surface material from the oyster shell roadway around the Library and the vacated storage area. Grade to an elevation of +3.5 feet. (This plan will give us time to do more deliberate study toward a permanent solution)

5. This plan will keep the roadway open for use, but lessens our margin of safety insofar as tide action encroaching on the road. Fortunately, the ESC building is now enclosed to the point that an extremely high tide, similar to that which inundated the ESC in 1972, would have little effect on the construction of this building. Our tide level at that time was 3.72 feet. Since then our maximum tide has been 3.3+ feet.

6. The one major impact on the Naval Academy caused by this action pertains to the storage area lost by the contractor. Contractually, the Government owes the contractor this space. The costs to relocate the materials to an alternate storage area are considerable, but nowhere near the costs if we should advise him that no other space was available and he would have to find means to handle his requirements in some other way. Off-station storage costs could be exorbitant, and double handling, loss of efficiency and similar hard to quantify factors would make a claim for those costs difficult to negotiate.

7. As a result, I recommend that an area 150 feet wide on Dewey Field, immediately adjacent to the existing contractor's fence line be made available for his use. I recognize the short term impact that this will have on the athletic program but feel that the Naval Academy's overall interest will be best served by this solution. This additional area will, of course, be restored and resodded when it is no longer required by the contractor.

H. H. HAYNES  
CAPT, CEC, USN  
Public Works Officer

 Copy to:  
Dep Ops  
Dep Mgmt

Dear Mayor Apostol,

You may recall an article in the Baltimore Sun several months ago alleging that Nimitz Library at the Naval Academy was sinking into the waters of Dorsey Creek. While the Sun's conclusion was incorrect, there is a soil settlement problem under a portion of the Library and in the landfill area adjacent to Nimitz Library and Rickover Hall.

The Navy has obtained expert consultation services from Madigan-Praeger, Inc., who has recommended the placement of some heavy stone material on the bottom of Dorsey Creek to act as a counter-weight and stop the soil movement. This solution would then permit restoration of the seawall and aesthetically correct the view from the old Severn River bridge approach to Annapolis. The Naval Academy bulkhead line will not intercede into Dorsey Creek beyond the present landfill line.

The Navy has requested a permit from the U. S. Army Corps of Engineers to do the necessary work. The Corps of Engineers has requested that the Navy obtain certification from the Port Warden, City of Annapolis, that he is aware of and approves the project.

I request your support in this matter of serious concern. My Public Works Officer, Captain Howard H. Haynes, CEC, USN, is available to discuss the details of this problem with you and your Port Warden at your earliest convenience.

Sincerely,

W. P. MACK  
Vice Admiral, U. S. Navy  
Superintendent

The Honorable John C. Apostol  
Mayor of Annapolis  
Annapolis, Maryland 21401

Originated by Capt H. H. Haynes, PWO, PWD, Ext 2888,  
1/31/75, eb

Exec. Asst. To Supt.	
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Flag Sec.	
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Nav. Sta.	
Librarian	
Archivist	

15-43-70 -RFJ-rm

25 FEB 1970

MEMORANDUM FOR THE CHIEF OF NAVAL OPERATIONS

Subj: Construction of Naval Academy Library

1. Plans and specifications for the new Naval Academy Library are now such that a bid opening could be scheduled for 29 April 1970 if the freeze on construction did not exist. I understand the problems inherent in obtaining a release for a project of this magnitude at this time. I believe, however, that it would be most desirable to get some work on the Library project started as early as possible.

2. I have been advised that it would be feasible to accomplish this project by two separate contracts, one for demolition, excavation and foundations, and a second for the superstructure of the building. This approach was followed for Michelson Hall. In the case of the Library, \$2.5 million would be required to permit the first phase of work to proceed. If a decision were to be made to proceed on this basis, a bid opening could be scheduled for approximately two months after the release. This would save several weeks against the earliest possible start if the freeze were to be relaxed in general on 1 July. This could be a crucial savings in time if the Library is to be operational for the beginning of the academic year, September 1972.

3. I recommend that a strong effort be made to obtain an early release of \$2.5 million to permit the demolition, excavation and foundation work to proceed.

JAMES CALVERT

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PUBLIC RELATIONS OFFICE  
U. S. NAVAL ACADEMY  
ANNAPOLIS, MARYLAND

15-18-70-JEK-1b

25 FEB 1970

From: Superintendent, U. S. Naval Academy  
To: Commanding Officer, Chesapeake Division, Naval Facilities  
Engineering Command, Washington Navy Yard,  
Washington, D. C. 20390

Subj: Library and Educational Center; electrical outlets for  
Technical Processing areas and stack redistribution for

Ref: (a) Sept, USNA ltr 15-12-70 of 16 Jan 1970  
(b) Meeting at the Chesapeake Division, 9 Feb 1970,  
concerning Library Lighting

Encl: (1) Drawings of terrace level areas to have electrical  
outlet grid  
(2) Letter from Dr. E. Mason to Mr. Paul Brott of  
5 March 1969

1. Sheets 13 and 14 of enclosure (1) to reference (a) indicated the desirability of providing a grid outlet system in the technical services areas on the terrace level. Mr. Paul Brott of the George M. Ewing Company indicated at reference (b) that such a grid system had been omitted due to the cost involved. Mr. Brott and Professor Evans agreed that normal 110 volt service should be provided on approximately nine foot squares throughout the Technical Processing areas. Mr. Brott requested that the Naval Academy send drawings indicating specifically the areas to have such service available. These drawings are forwarded as enclosure (1).

2. Mr. Joe White, Chesapeake Division, and Mr. Paul Brott, George M. Ewing Company, requested information be sent on correspondence from the library consultant, Dr. E. Mason, in which Dr. Mason recommended redistribution of the stacks on the first and second levels. A copy of this letter is forwarded as enclosure (2).

Copy to:  
Librarian

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R. F. JORTBERG  
By direction

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Originated by LT J. E. Koons, Planning Officer, PWD, X-2035,  
19 February 1970, 1b.

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20 FEB 1970

PUBLIC WORKS OFFICE  
U.S. NAVAL ACADEMY  
Engineer, Public Works

**Subj: HTHW distribution pump, New Laundry Building**

1. Reference (a) requested justification for purchasing a spare rotating assembly less impeller, for subject pump.

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PWD ROUTE &amp; SUBJECT FILE SLIP—NDW PWD USNA 5216/62 (Rev. 8-68)

11100/33

UNITED STATES NAVAL ACADEMY

Annapolis, Maryland 21402

LIBRARY

IN REPLY REFER TO:

11 Feb 1970


From: Librarian  
To: Public Works Officer

Subj: New library building

Ref: (a) Meeting at Chesapeake Division, 9 Feb 1970, to discuss changes in the lighting for the new library building

(b) Librarian ltr to PWO, 14 Jan 1970, subj: New Library Building: 100% design review comments (Plan dtd 31 December 1969), para. 11

1. Representatives of the Naval Academy, the Chesapeake Division, and the Ewing - Warnecke Company met in Washington to discuss the subject indicated by reference (a). All parties are in agreement and understand the requirements of the Naval Academy Library as it pertains to lighting in the new library building.
2. Also discussed was reference (b) which stated that the electrical outlet grid system in the floor of the Technical Processing Division (terrace level), required to accommodate the typewriters of personnel working in the area did not appear on the plans. I was advised that this floor grid system had been eliminated during the process of reducing the estimated cost of the building. The architect recommended, and I agreed, that electrical junction boxes, installed in the floor, at 9 square foot intervals, would provide maximum flexibility for the arrangement of personnel working in this area. I recommend the floor junction boxes be included.
3. Mr. White, Chesapeake Division, requested information in which the library building consultant, Dr. Mason, recommended redistribution of the stacks on the second and third levels. A copy of the letter from Dr. Mason is included for distribution to Mr. White.

  
RICHARD A. EVANS